



BULLETIN

*Mary  
Washington College  
of the University  
of Virginia*

CATALOGUE ISSUE 1970-71











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## **VISITORS**

Visitors are welcome at Mary Washington College, and provision usually can be made, when the College is in session, to guide them through the buildings and grounds.

A personal interview is not ordinarily required for admission. However, when planning to visit the College, an applicant should make an appointment well in advance.

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## COLLEGE CALENDAR

### Summer Session 1970

Residence halls open.....	June 14
Registration .....	June 15
Classes begin.....	June 16
Holiday.....	July 6
Reading Day.....	August 5
Final examinations .....	August 6, 7, 8

### Session 1970-1971

#### First Semester

Residence hall open for new students.....	Saturday, September 12
Residence halls open for returning students .....	Sunday, September 13
Freshman orientation assembly .....	Monday, September 14
Registration of returning students, Science Hall .....	Tuesday, September 15
Registration of new students including transfer students, Science Hall.....	Wednesday, September 16
Classes begin.....	Thursday, September 17
Chancellor's Convocation and Awarding of Intermediate Honors .....	Thursday, September 17
Mid-semester reports due.....	Friday, November 6
Thanksgiving holidays begin 2:05 p.m.,	Wednesday, November 25
Class work resumed .....	8:00 a.m., Monday, November 30
Christmas holidays begin .....	5:30 p.m., Friday, December 18
Class work resumed .....	8:00 a.m., Monday, January 4
Reading Days .....	Monday and Tuesday, January 18, 19
Mid-year examinations .....	January 20-29

#### Second Semester

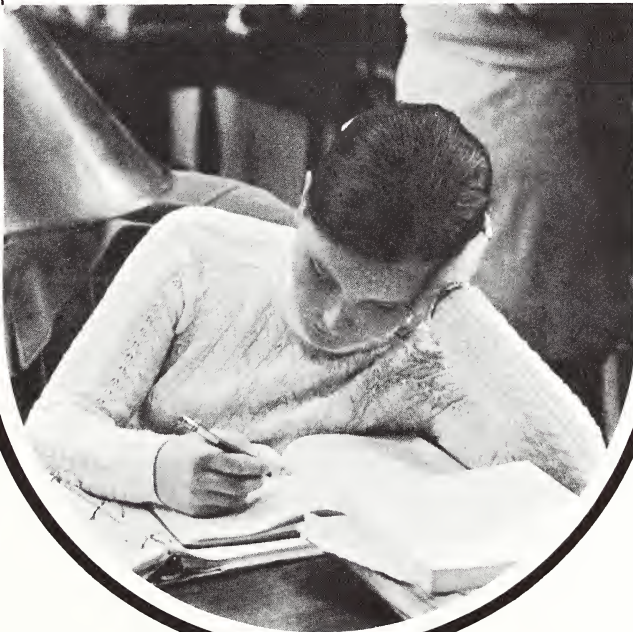
Registration of new students, George Washington Hall .....	Saturday, February 6
Classes begin .....	Monday, February 8
Mid-semester reports due .....	Wednesday, March 24
Spring holidays begin.....	5:30 p.m., Friday, March 26
Class work resumed.....	8:00 a.m., Monday, April 5
Reading Days .....	May 19, 20
Final examinations.....	May 21 to June 1
Graduating exercises .....	Sunday, June 6

### Summer Session 1971

Dates to be Announced



*General  
Information*







## Introduction

Mary Washington College is a state-aided liberal arts college and a part of the University of Virginia. As such, it has an obligation to the people of the Commonwealth of Virginia to provide, without regard to race, creed or national origins, the best education it can for those students who give promise of succeeding in college.

As a liberal arts college, Mary Washington stands firmly in the conviction that a broad education in the arts, the sciences, and the humanities, complemented by intensive study in a particular field of interest, is a most appropriate preparation for life and citizenship.

Mary Washington endeavors to provide the best intellectual background possible for the student of today. It recognizes the importance of the inquiring mind, the significance of aesthetic sensibility and the necessity of individual and corporate responsibility.

Finally, as a part of the University of Virginia, Mary Washington College has a unique role to fill in Virginia education, and is pledged to the selection of a qualified student body, to the maintenance of a competent faculty and staff, and to the development of the academic and social environment necessary to achieve its goals.





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## GENERAL INFORMATION

Mary Washington college is accredited by the Southern Association of Colleges and Secondary Schools. It is a member of the Southern University Conference, the American Council on Education, the Association of American Colleges, the Association of Virginia Colleges, the College Entrance Examination Board, the National Commission on Accrediting, the Southern Association of Colleges for Women, the University Center in Virginia, and the National Association of Schools of Music.

Mary Washington College is a corporate member of the American Association of University Women, which is affiliated with the International Federation of University Women (IFUW). Graduates are eligible for membership in the national and international organizations. There is a local branch of the AAUW in Fredericksburg.

*The Mary Washington College faculty members who are members of Phi Beta Kappa, the nation's oldest scholastic fraternity, have been invited by that organization to submit a petition for a chapter charter to the Council of Phi Beta Kappa at the triennial meeting in September 1970. The Committee on Qualifications and the Senate of Phi Beta Kappa have indicated that they will recommend favorable consideration for this petition.*

## History

Founded as the Fredericksburg Normal and Industrial School for Women in 1908, Mary Washington College has experienced a growth closely paralleling the development of education for women in the State of Virginia. The coordination of the College with the University of Virginia was the culmination of efforts by the women of Virginia to gain educational opportunities comparable to those provided by the State for men.



By the beginning of this century the Virginia General Assembly began a move to provide a more adequate education for the young women in the state. This resulted in the establishment of two normal schools, one in Fredericksburg and the other in Harrisonburg. In 1909 the State made an appropriation of \$25,000 for the purchase of land in or near Fredericksburg. A sixty-acre site on Marye's Heights overlooking the city was subsequently chosen. By 1924 the normal school had developed beyond its original mission and as a result of action by the General Assembly, the College then became the State Teachers' College, Fredericksburg.

The curriculum was divided into a two-year and four-year program. Those students successfully completing the four-year program received a B.S. degree in education plus the regular state collegiate professional certificate, while those completing the two-year program earned a normal professional or special teacher's certificate.

A further change occurred in 1935 when, in recognition of the necessity for providing a balanced education for women that was not oriented solely toward the teaching profession, the College was given the additional privilege of conferring degrees in the liberal arts, as well as in the professional, vocational, and technical fields. From this point on, the College was in fact a state college for women.

This shift in emphasis led in turn to the third change of name for the Fredericksburg institution—to Mary Washington College—by act of the General Assembly in 1938.



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## GENERAL INFORMATION



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## GENERAL INFORMATION



The fourth major change occurred in 1944 when a bill was brought before the state legislature to make Mary Washington College the undergraduate college of arts and sciences for women of the University of Virginia.

With the establishment of Mary Washington College as the women's college of the University, emphasis was placed upon the liberal arts. Courses that were regarded as primarily vocational were either eliminated or continued on a non-credit basis. By 1948 the initial transition was completed.

Since that time, academic growth has continued. A number of changes have been implemented to emphasize further Mary Washington College's role as a liberal arts college for women; as the needs for women in liberal arts have changed, so too has the College.

One of the few state-aided liberal arts colleges for women in America, Mary Washington draws its students from many states and enrolls a number of students from foreign countries.

The name—Mary Washington College—combines historic significance and background with local associations. Within sight of the hill on which the College is located are the home and tomb of Mary Washington; and Kenmore, the home of her daughter, Betty Washington Lewis. The College grounds were at one time a part of the Lewis estate.

### **Location and Environment**

The Mary Washington College campus, which also includes the historic Brompton estate, comprises 381 acres, the major part situated on Marye's Heights overlooking the city of Fredericksburg and the Rappahannock Valley. Immediately adjacent to the Fredericksburg and Spotsylvania National Military Park, the grounds were the site of the Civil War Battle of Fredericksburg; long before that, it is said, a portion of the area was an Indian village.

The City of Fredericksburg has now enveloped the College property, which has, however, remained an integral unit, unbroken by the urban development. Some thirty-three buildings are located on the campus and, in addition, there are a golf course, athletic fields and tennis courts, a new physical education building containing an Olympic-size swimming pool, and an outdoor amphitheatre. Though the buildings are widely situated on the wooded grounds, they are within easy walking distance of one another and not far from the downtown business district of Fredericksburg and other more recently constructed shopping centers.



Fredericksburg is situated halfway between Washington, D.C. (55 miles), and Richmond, Virginia (55 miles), and is easily accessible from the north or south on Interstate Highway 95 or U.S. Route 1, or from the east or west on U.S. Route 17 or Virginia Route 3. Bus transportation (Greyhound or Trailways) and rail transportation (Richmond, Fredericksburg, and Potomac Railroad) are also readily accessible. The closest commercial airlines facilities are at the National Airport and Dulles International Airport, both serving Washington, D.C., and each an hour's ride from the College; or at Byrd Airport in Richmond, only slightly further away.

Fredericksburg is a city of 15,000 with modern shopping and tourist facilities. There exists a very cordial relationship between the College and the community, and the students are a part of this relationship whether as shoppers, as part-time employees at local businesses, or as members of church congregations.

The City and surrounding area have played an important role in American history from the time Captain John Smith and his followers sailed up the Rappahannock River in 1608 until the present. Sometimes called "America's Most Historic City," Fredericksburg is identified with much of the nation's earlier history. Americans such as Alexander Spotswood, George Washington, James Monroe, James Madison, and John Paul Jones were closely associated with it, as were many other colonial history-makers. In addition, four major engagements of the Civil War were fought in the Fredericksburg area—all encompassing Marye's Heights where the College is located—and the reminders of America's heritage are still clearly present.

Brompton, now a part of the College grounds and the residence of its Chancellor, was once headquarters for the Confederate forces defending the City and center of the Federal attack in both the first and second battles of Fredericksburg. Also located on the College grounds is a memorial to Confederate Sergeant Richard Kirkland of South Carolina, a hero of the Battle of Fredericksburg. The memorial was created by sculptor Felix de-Weldon and dedicated in 1965.

Thousands of interested Americans and foreign visitors come to Fredericksburg each year to re-live history by touring these important landmarks. As an accomodation the City operates Information Centers on Interstate Highway 95 and at the corner of U.S. Route 1 and Princess Anne Street in the City.





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## GENERAL INFORMATION

### **Buildings and Accommodations**

The architecture of Mary Washington College may best be described as neo-classical in the Jeffersonian tradition. The red brick, white-columned buildings have been situated in an orderly manner on the campus, utilizing as much as possible the existing natural surroundings. The thirty-three structures include eighteen residence halls and nine academic buildings.

#### *Academic Buildings*

**Chandler Hall.** Named in memory of Algernon B. Chandler, Jr., president of the College from 1919 until his death in 1928, this building contains offices, classrooms, seminar rooms, and laboratories for English, home economics, and psychology.

**Combs Science Hall.** This modern, four-story science complex honors the late Morgan L. Combs, President of the College from 1929 to 1955. It provides lecture rooms, offices, laboratories, and other facilities for instruction in astronomy, biology, chemistry, geography, geology, mathematics, and physics. It has adequate space to make possible continued expansion of course offerings in these fields. A botanical greenhouse addition is currently being planned and is scheduled for use during the 1970-71 school session.

**Fine Arts Center.** The Fine Arts Center contains three separate buildings connected by arcades: Jessie Ball duPont Hall, Gari Melchers Hall, and John Garland Pollard Hall.



**duPont Hall.** The central building of the group constituting the fine arts complex is named in honor of Jessie Ball (Mrs. Alfred I.) duPont of Wilmington, Delaware, and Ditchley, Virginia, in recognition of her interest and generosity to the College and of the fact that she is a close lineal descendant of Mary Ball Washington for whom the College is named. This central unit contains exhibit rooms, classrooms, a broadcasting studio, and language laboratories. It also houses a theatre with a seating capacity of 300, rehearsal rooms, make-up rooms, and a scenery loft. Classes in dramatic arts and speech and modern foreign languages use these facilities.

**Melchers Hall.** The south building of the complex is named in honor of the late Gari Melchers, internationally known artist, whose home, Belmont, in nearby Falmouth, is now a memorial under the trusteeship of the College. Melchers Hall is devoted to such arts as painting, sculpture, printmaking, and ceramics, and contains art history classrooms, studios, kilns, offices, and work-rooms. Housed here also is the fast-growing and carefully selected slide library for use in the art history classes.

**Pollard Hall.** The north building, bearing the name of the late John Garland Pollard, Governor of Virginia, Attorney-General, college professor, and patron of the arts, is devoted exclusively to music. It contains classrooms, studios for individual instruction, band practice rooms, and offices.

**Monroe Hall.** This structure was named for President James Monroe, who lived in Fredericksburg and whose life was closely identified with the community. It contains classrooms and offices for the departments of classics, economics and political science, education, history, and religion. It has an assembly hall with a seating capacity of about 200.

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**E. Lee Trinkle Library.** Named in honor of the late E. Lee Trinkle, former Governor of Virginia and for many years President of the State Board of Education, once the governing board of the College, the library contains more than 200,000 volumes.

It is a large air-conditioned facility and provides ample study and reading space. An open stack system permits students to browse and to work directly with the book collection. Typing rooms, individual study cubicles, microfilm readers, coin-operated xerox facilities, and a hook-up on a state-wide library teletype system for inter-library lending are a few of the services and facilities available.

In an effort to maintain accurate and up-to-date material for classroom and research purposes the library subscribes to and catalogues nearly 1,000 periodicals and newspapers. This list includes 132 foreign and 710 domestic periodicals and 7 foreign and 21 domestic newspapers.

In addition, the library is a depository for other selected government documents; it maintains a record collection as well as a music manuscript collection.

In 1964, the library opened a rare books room which provides ready access to a growing collection of first editions and books of particular rarity. Special attention is currently being given to books by and about James Joyce and the nineteenth century French physiologist, Claude Bernard, as well as to books on eighteenth century architecture, landscaping and gardening.

**George Washington Hall.** This facility is named in honor of George Washington, whose life was closely connected with Fredericksburg and this section of Virginia. It contains the administrative offices, classroom and office facilities for the philosophy department, the telephone exchange for the College, the internal mail facility and central duplication services for the College. It also contains the largest auditorium on the campus with a seating capacity of more than 1,600.

**Goolrick Hall.** The newest building on the campus has been named for the late C. O'Connor Goolrick, who, as a member of the General Assembly of Virginia, sponsored the 1908 legislation establishing the College. It contains all the facilities and equipment necessary for a complete physical education program. There are, for example, an indoor swimming pool, a large gymnasium and auxiliary gym, a handball court, dance studios, sun decks, and an exercise room. In addition several academic departments share offices and classrooms in the building.

### *Other Buildings*

**Brompton.** Brompton is the home of the Chancellor of the College and is situated on a 174-acre site near the main campus. The first unit of the colonial brick mansion is believed to have been erected about 1730. It was enlarged and completed in 1836 by Colonel John L. Marye and restored, after purchase by the College, in 1946.

In a report by historians for the Fredericksburg and Spotsylvania National Military Park, it is stated that "no other house on the American continent is more important or better known in connection with military history, and few other homes are better examples of their type".

Also located on this tract of land, which comprises the major portion of the original estate, is the College's nine-hole golf course. **Belmont.** Located in Falmouth across the Rappahannock River from Fredericksburg, Belmont is the estate where Gari Melchers, the noted American artist, lived and worked during the last sixteen years of his distinguished career. As a memorial to her husband, Mrs. Corinne Lawton Mackall Melchers deeded Belmont and many of his paintings to the Commonwealth of Virginia. The property is now administered by Mary Washington College. Many of the Melchers paintings may be seen in the College offices and other buildings.

**Anne Fairfax.** Named in memory of the wife of George Washington's half-brother, Lawrence, this white frame structure faces College Avenue.

**Ann Carter Lee Hall.** Popularly known as the "Student Activities" building, this structure bears the name of the mother of Robert E. Lee. It provides such recreational areas as a ballroom, reception rooms, television facilities, informal lounges, the College bookstore, and the "C Shoppe," a campus snack bar. Located here is the office of the Director of Student Affairs, as are the offices of the major student organizations.

**Hugh Mercer Infirmary.** Named for Dr. Hugh Mercer, a physician of Fredericksburg and a brigadier-general in the Revolutionary War, the infirmary is a modern, thirty-seven bed medical facility. Every room is provided with private or connecting bath. There are also isolation wards, a solarium, a sun deck, a dining room and kitchen.

It is maintained on a twenty-four hour a day basis by a staff of nurses, and a staff of physicians residing in the community are available at all times.



**Seacobeck Hall.** A Seacobeck Indian village once occupied the present site of the campus dining hall. It has a central kitchen, five main dining areas, and a reception room. It also is equipped with its own bakery, ice plant and storage facilities.

**Spotswood House.** Originally built as a home and used for a time as a small residence hall, this frame building located opposite the main entrance to the College is now occupied by the Alumnae Association. Alexander Spotswood was a colonial governor of Virginia.

**Amphitheatre.** The outdoor amphitheatre is set on the slope of a hill in a natural grove of trees and has a seating capacity of approximately 1,500. It is the site of the annual May Festival at the College.

**Post Office.** College Station, a branch of the Fredericksburg Post Office, is located on College Avenue, across the street from the main campus, and provides individual mail boxes for students in addition to other postal services.

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## GENERAL INFORMATION



### *Residence Halls*

The eighteen (13 major and 5 minor) residence halls on campus are for the most part centrally located and close to the academic buildings. All of them provide comfortable housing with ample ventilation and light. The major halls accommodate from 50 to 180 students, while the minor halls normally house from 15 to 20 students. These smaller facilities serve as special purpose dormitories, such as language houses, and one of them is the residence of the student government president and three other student officials.

Many of the halls are arranged in suites with connecting baths, while the newer structures employ a "unit complex" concept in which small groups of students reside in two-student rooms and share common facilities somewhat as they would do at home.

All of the major residence halls have reception rooms, recreation areas, kitchenettes, washers and driers, and pressing rooms. Each hall is also equipped with a color television set, usually located in the recreation area, which will receive educational as well as commercial network programs. Students may bring their own sets if they desire, but external antennas are not available.

Students admitted to the College as freshmen are assigned a room in one of four predominantly freshman residence halls on the campus. Returning students select their roommate and room during the preceding school session.

*Admissions*







## Admission Requirements

The general requirements for admission to Mary Washington College are as follows:

### *Scholastic Preparation.*

The general academic requirements for admission are graduation from an accredited\* high school or preparatory school, and credit for at least sixteen acceptable entrance units.\*\*

The sixteen academic units must include the following: English (four units), college preparatory mathematics (three units selected from algebra, geometry, trigonometry and calculus, or a combination of these courses), foreign language (two units in the same language), social studies (one unit), and science (one unit). The remaining units should consist of additional academic units, but no credit is allowed for less than two units in a foreign language.

A student attending a five-year school or one who begins traditional secondary school subjects in the eighth grade must complete eighteen academic units in order to meet the minimum requirements for admission. In any case, eleven of the units must be distributed as outlined in the preceding paragraph.

### *Examinations*

An applicant is required to take the Scholastic Aptitude Test; the achievement tests in English composition and in a foreign language, preferably the language to be continued in college; and an achievement test in a field in which the student wishes to demonstrate special aptitude or proficiency.

The tests normally should be taken in December or January of the senior year. Under no circumstances can a test date later than the January administration of the senior year be used for purposes of admission in September. Candidates for enrollment in February must complete the tests no later than the December testing. A student may submit the results of tests taken prior to the senior year if the scores are comparable to the average maintained by entering students at Mary Washington College.

\* A school which is accredited by the state or a regional accrediting agency.

\*\*An entrance unit represents a year's successful study of a subject in a high school or preparatory school, the class meeting five times a week.







Information about the tests may be obtained from the College Entrance Examination Board, Box 592, Princeton, N. J., or from secondary school counselors. In applying for the tests the applicant should specify that the results be sent to Mary Washington College.

Applicants who are at least twenty-one years of age may be admitted as special students, provided they give evidence of serious purpose and show adequate preparation for a liberal arts program. An applicant for special student status should submit the results of the Scholastic Aptitude Test but normally achievement test results are not required. All other applicants must meet the quantitative requirements outlined above.

### *Character, Personality and Interests*

A recommendation by an appropriate secondary school official, including information about the student's character, interests, attitudes, and habits as a member of the school community, is required. The school officials are also required to make an assessment of the applicant's academic promise. Provision for this information is made on the reverse side of the transcript form. Activities that reflect leadership or intellectual interests are impressive only if they reinforce sound academic achievement. Since Mary Washington operates under a successful honor system, assurance of personal integrity is indispensable.

### *Health*

Each student before entering the College is required to present a certificate from a physician indicating the results of a recent physical examination. If this examination reveals the need for



further information pertinent to the health and welfare of the student, such information should be included with the certificate.

An up-to-date physical examination is required for each session a student attends the College. Although every effort is made to mail forms for completing this examination to all readmission students as well as freshman and transfer students, it is the responsibility of the individual student to see that the examination is undertaken and the results reported to the College on the appropriate form. Normally this form is mailed directly to the student around July 1.

### *Committee Review*

The Committee on Admissions examines each application for evidence of qualifications appropriate to the purpose of the College and approves applicants—including those wishing to enter the five cooperative professional programs for which Mary Washington provides the liberal arts base—only if they seem prepared to succeed in a competitive, liberal curriculum.

In attempting to judge which applicants are most likely to succeed in competition with their fellow students, the Committee considers many factors. Among them are academic achievement, class rank, aptitude and achievement test results, a pattern of courses demonstrating interest and competence in the liberal arts and sciences, and secondary school recommendations.

The Committee feels that the senior year is extremely important, and such basic academic subjects as English, mathematics, laboratory sciences, and foreign language, particularly the latter, should be continued through the final term.



## Directions for Application

Students interested in applying should request all necessary forms from the Director of Admissions early in the first semester of their senior year. An application for admission will be mailed to the student together with a secondary school transcript form. The application should be completed and signed by the applicant and a parent or guardian and returned directly to the College, preferably during the first semester of the senior year although March 1 is the deadline. The transcript blank should be completed by the appropriate official of the school from which the applicant has been graduated or expects to be graduated and returned to the Director of Admissions. Included on the transcript form should be a list of subjects the student is, or plans, to undertake during his senior year.

A non-refundable fee of ten dollars (read carefully, Application Fee, page 33) must accompany the application. No applicant will be considered by the Committee on Admissions until these forms, the appropriate test scores, and the fee have been received.

The Committee on Admissions will make a preliminary evaluation of this material and will make a final decision upon receipt of the first semester grades and the results of the required College Board examinations.

If the student's record is approved and living facilities are available, he will be notified of acceptance, usually by April 1. Acceptance is for a specific session of the College. If the student does not enroll then, a new application must be filed.

Upon notification of acceptance, the student is requested to submit a one hundred dollar room deposit within two weeks of the date of the acceptance letter. This money will be applied to the first semester charges and it is refundable upon request until May 1 or until January 1 if for admission of the second semester.

## Early Decision Plan

A candidate who selects Mary Washington College as a first choice may wish to apply for admission under the first choice early decision plan. This plan requires that the candidate certify on the appropriate form that Mary Washington is his first choice college and that he will accept an offer of admission if it is extended by the Committee on Admissions. The candidate may wish to initiate applications to other colleges should this seem advisable but he must agree to withdraw such applications when notified of acceptance by Mary Washington College.



A candidate who applies under these terms should request the Early Decision form together with the regular Application for Admission. These forms should be completed and returned, together with a secondary school transcript form, prior to November 1 of the applicant's senior year in secondary school. The results of the Scholastic Aptitude Test and the three achievement tests should be submitted also to the College prior to November 1.

The Committee on Admissions will act on the early decision requests and will notify candidates by December 1 of the admissions decision. Upon notification of acceptance, the candidate must submit a statement accepting the early offer of admission and certifying that any other applications have been cancelled. The statement must be accompanied by a one hundred dollar non-refundable room deposit, which is credited to the student's account for the first semester.

The Committee on Admissions will offer early decisions to a maximum of one hundred candidates. Should the Committee not act favorably on an early decision request, the applicant's file will remain active and the Committee will reconsider it after additional grades and/or scores are submitted by the candidate at the end of his seventh semester in secondary school.

Candidates for early decision who also seek financial aid should submit the Parents' Confidential Statement prior to November 1. These requests will be acted upon and the students notified of awards prior to December 1.





### **The Advanced Placement and the College-Level Examination Programs**

A student who has completed one or more college-level courses while still attending a secondary school may receive college credit for this work at Mary Washington College. Those who desire to qualify for consideration of credit should take the appropriate examination in the Advanced Placement Program of the College Entrance Examination Board and have the results forwarded to the College. The examinations are offered in the third week of May and are provided in American History, Biology, Chemistry, English, French, European History, German, Latin, Mathematics, Physics and Spanish.

In addition the College participates in the College-Level Examination Program, also administered by the College Entrance Examination Board. A student may take one or more of the Subject Examinations in the series and apply for college credit. Acceptance of examination scores in lieu of course work is determined by the Dean and the individual departments concerned.

These examinations may not be substituted for Advanced Placement examinations, but are intended for demonstrating subject matter competency which has been achieved outside of a formally structured and administered academic program.

Further information about either the Advanced Placement Examination Program or the College-Level Examination Program may be secured from the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540.



### **Directions for Readmission**

A student attending the College who expects to return the following session must file an application for readmission. The form is mailed to the student in December and must be returned by March 1 with a ten-dollar application fee and a fifty-dollar advance payment. Any student whose completed application form and fees are received after March 1 must be placed on a waiting list for residential accommodations; the College cannot assure these students that space will be available for the following session.

The ten-dollar fee is non-refundable; the fifty-dollar advance payment, which is applied to the student's account for the following session, is not refundable after May 1 unless the student is academically or residentially ineligible to return, or except in very unusual circumstances, based on the merits of the case as determined by the Comptroller and the Director of Admissions.

Readmission is approved for the session immediately following. If a student does not return at this time a subsequent application for readmission will be treated as a new application for admission.

A student who has withdrawn from the College or is suspended for other than academic reasons, is not automatically readmitted but must make application. If another institution has been attended, the work there as well as that done at Mary Washington College will be taken into consideration by the Committee on Admissions.



Although the College makes every effort to furnish readmission applications directly to enrolled students, it is the responsibility of the individual student to see that the above regulations are met. Application forms may be obtained from the Director of Admissions.

## **Admission by Advanced Standing**

### *Admission Requirements*

For admission with advanced standing the applicant must satisfy the general requirements for admission (See pp 19) and in addition meet the following standards:

An applicant should have earned approximately a "B" average in all college-level work. A student may be considered only if entitled to honorable dismissal without academic or residential probation in the last institution attended; and must have received the recommendation of the dean, director, or other authorized administrative officer of the current college attended.

An applicant must satisfy the secondary school entrance requirements at Mary Washington College, using advanced credits for this purpose if necessary.

A candidate must submit the results of the Scholastic Aptitude Test. Normally, achievement tests are not required, but the Committee may request a student to take specific examinations.

### *Residence Requirements*

A student must be enrolled at Mary Washington College at least four semesters, including the last semester, to be eligible for a degree.

A candidate for a degree must earn at least eighteen hours of the major subject at Mary Washington College.

Students wishing to enroll in one of the cooperative programs, such as those in medical technology and speech pathology, must be enrolled at Mary Washington College at least four semesters. No transfer students are accepted for the cooperative program in nursing.

### *Directions for Application*

Upon request, the Director of Admissions will send an application for admission, a secondary school transcript form, and an Inter-College Confidential Form. The application, signed by the applicant and parent or guardian, should be sent to the College.

The transcript blank should be completed by the appropriate official of the secondary school from which the applicant was graduated and returned directly to the Director of Admissions.

Information requested on the Inter-College Confidential Form should be provided by the Dean of Students or other appropriate official at the applicant's current college. The applicant should request that this, as well as a complete transcript of all course work attempted to date, be forwarded to the Director of Admissions here.

Applicants are urged to submit a transcript, Inter-College Confidential Form, and a personal application early in the first semester of the year prior to transferring. The Committee on Admissions will make a preliminary evaluation of this material and will make a final decision upon receipt of the first semester or second quarter grades.

If the applicant's record is approved by the Committee on Admissions and living facilities are available, the applicant will be notified of acceptance, usually by April 1. Upon notification of acceptance, the student is requested to submit within two weeks a one hundred dollar room deposit. This money will be credited to the first semester charges and is refundable upon request until May 1. Acceptance is for a specific session of the College. If the student does not enroll then, a new application must be filed.

An application fee of ten dollars (read carefully, Application Fee, Page 33) should be sent to the Director of Admissions by the applicant. No applicant will be considered for enrollment by the Committee on Admissions until the completed application, all other forms, and the fee has been received.



### Transfer of Credits.

The College will accept credit for work completed at other institutions under the following conditions:

#### *For Transfer Students Admitted With Advanced Standing.*

The evaluation and allowance of credits will be provisional until the student has completed one semester's work at Mary Washington, after which transfer credits may be subject to re-evaluation. Credit is allowed only for courses equivalent to courses offered at Mary Washington and only for courses which the student has completed with a grade of "C" or better. Transfer students must earn a "C" average or better on all work taken at Mary Washington and in courses in their major subject. Transfer credits do not affect a student's quality point standing one way or another.

#### *For Students Transferring Credits From Other Branches of the University of Virginia.*

Quality points will be recorded as earned, but may not be used to earn special academic honors or to improve a student's academic standing.

#### *For Students Already Enrolled At Mary Washington College.*

A student wishing to earn credits at another institution, either in the summer or during a regular session, must obtain permission in writing to do so from the Office of the Dean. Credit for courses taken elsewhere will be allowed according to the regulations stated above.

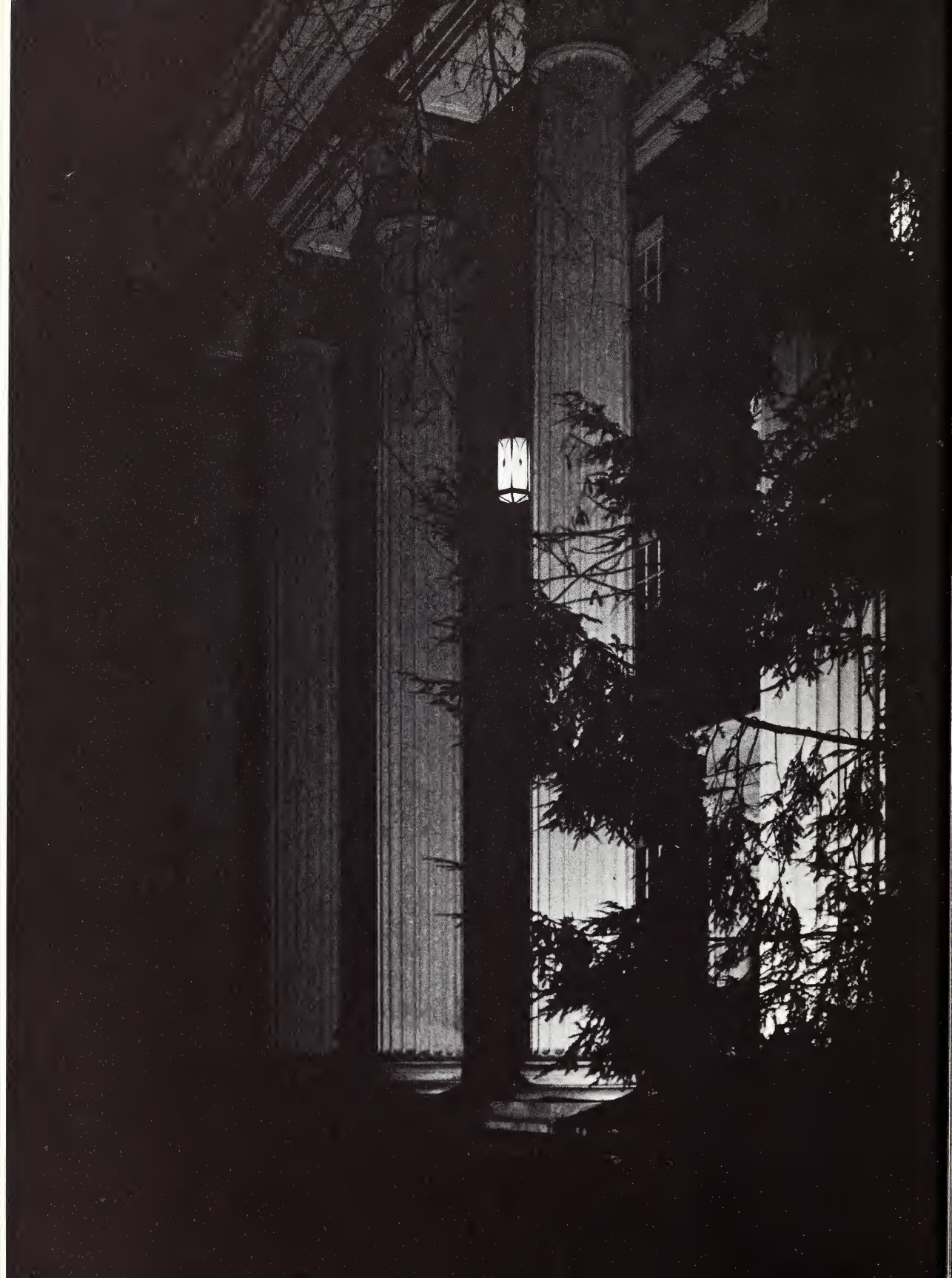
Correspondence courses are not credited toward a degree. Extension classes may be taken for credit only with permission of the Dean and the chairman of the department concerned, and under no circumstances may more than thirty hours of extension course credit be counted toward a degree.





*Finances*





## Semester Fees And Expenses

### *Students Living in Residence Halls*

	VIRGINIA STUDENTS	NON-VIRGINIA STUDENTS
Tuition. . . . .	\$ None	\$ 700
General college fees . . . . .	\$ 600	600
Student activity fee . . . . .	27	27
Residential fee . . . . .	398	398
Board . . . . .	385	385
Total—Session of Nine Months.	\$1410	\$2110
Semester Charge Payable		
September 1 and February 1....	\$ 705	\$1055

### *Full- Time Day Students*

	VIRGINIA STUDENTS	NON-VIRGINIA STUDENTS
Tuition. . . . .	\$ None	\$ 700
General college fees . . . . .	\$ 600	600
Student activity fee . . . . .	27	27
Total—Session of Nine Months...	627	\$1327
Semester Charge Payable		
September 1 and February 1.....	\$ 313.50	\$ 663.50

The fees itemized above are subject to change.

### *Off- Campus Teacher Training*

Students participating in the Off-Campus Teacher Training Program should contact the Comptroller to discuss the applicable fees for this semester of teacher training.

### *Contingent Fee*

A contingent fee of \$10.00 is charged all full-time students and may not be deducted from the charges due on admission to the College. Students will be held responsible for the care and preservation of College property and, as far as possible, all damage to buildings and equipment will be repaired at the expense of students causing such damage. At the end of the session, the whole or such part of the contingent fee as may be due the student will be returned.



### *Part- Time Students*

The minimum charge for a part-time program (1 to 3 hours' credit) is \$70.00 per semester. For each semester hour of credit over three, there is an additional charge of \$23.00 per credit hour. A student who is not a legal resident of the State of Virginia will be charged a non-resident tuition fee of \$28.00 per semester hour of credit in addition to the above charges.

In addition to the fees above, students enrolling only for courses with individual instruction in music or art will be charged an additional \$50.00 for each such course.

No student will be admitted on a part-time basis who registers for more than ten semester hours of credit. Part-time students are not entitled to laundry, infirmary or dining hall services; neither are they entitled to free admission to those events covered by the Student Activity Fee.

No student may reside on campus who is enrolled as a part-time student.

Students enrolled for classes for no credit will be charged at the same rate as those enrolled for credit.

Students who live off campus can make provisions to take meals in the dining hall by notifying the Office of the Comptroller. The dining hall charges will be billed on a semester basis. Off campus students must pay the full board charge as specified on page 31. The meal charge cannot be prorated to include only one or two meals per day.

### *Classification as a Virginia Student*

Title 23, Sec. 7 of the 1950 Code of Virginia states: "No person shall be entitled to the admission privileges, or the reduced tuition charges, or any other privileges accorded by law only to residents or citizens of Virginia, in the State institutions of higher learning unless such person has been domiciled in and is and has been an actual bona fide resident of Virginia for a period of at least one year prior to the commencement of the term, semester or quarter for which any such privilege or reduced tuition charge is sought, provided that the governing boards of such institutions may require longer periods of residence and may set up additional requirements for admitting students."

Classification as a Virginia student, as defined by The Rector and Board of Visitors, is as follows:

In order to be considered a Virginia student for any given semester, it is necessary that the applicant, who takes the legal residence of her father, shall have been domiciled in the State of Virginia for at least one year immediately preceding the beginning of that semester, and that the applicant's father must have been a bona fide taxpayer (paying income taxes on the father's total income) to the State of Virginia for the calendar year immediately preceding the calendar year of registration.

A student who is twenty-one (21) years of age must show evidence that she has established residence, and that she has declared herself a legal resident of the State of Virginia.

For tuition purposes, the married student takes the legal residence of her husband unless she has shown evidence of establishing her legal residence as different from that of her husband.

Residence in the State for the purpose of securing an education does not qualify an individual for classification as a Virginia student.

### *Application Fee*

An application fee of \$10.00 must accompany every application for admission, both from new students and from upperclassmen applying for readmission. No admission will be acted upon by the Committee on Admissions until this fee has been received.

This application fee of \$10.00 is to be paid by every new student whether she lives on or off the campus. It is a payment entirely separate from other fees and cannot be deducted from charges due on entrance to the College. **THIS FEE IS NOT REFUNDABLE**, but is applied to the cost of processing the application for admission.

Since residence accommodations are limited, making it necessary to deny admission to many applicants each year, it is advisable to comply with the requirements for admission (see Directions for Application, page 22) as far in advance of the opening of the session as is practicable.

### *Terms of Payment*

All fees, room rent, and board are payable in advance by the semester.

Statements for students' fees and expenses for the first semester will be mailed the later part of August and the later part of December for the second semester. Payment in full is due for the first semester by September 1 and by February 1 for the second semester. Scholarships and loans are applied one-half to each semester. This credit should appear on the statement mailed by the College.





## FINANCES

Any variations from the terms of payment must be approved in writing by the Comptroller prior to the payment dates listed above. If student accounts are not paid in full by the required date, the account will be subject to a \$10.00 late payment penalty.

Failure to meet payments when due or to make other satisfactory arrangements may result in suspension of the student from College until the account is brought up to date.

Remittance should be made to Mary Washington College and sent to the Comptroller.

### *New Students*

After notification of acceptance from the Director of Admissions, a payment of \$100.00 is required. No student will be assigned a residence hall room until the payment of \$100.00 has been received. This payment is not refundable after May 1, but is applied toward the fees for the session immediately following. Exceptions to this policy will be made only in the most unusual circumstances, based on the merits of the case as determined by the Comptroller and the Director of Admissions.

### *Returning Students*

All students applying for readmission are required to make a \$50.00 advance payment by March 1. This payment is not refundable after May 1, except in unusual circumstances, based on the merits of the case as determined by the Comptroller.

### *Refund of Fees*

Students who withdraw from the College during the semester will be charged in accordance with the following schedule:

Withdrawal	General	Tuition
During Semester	College Fees	
1-15 days	\$75.00	\$85.00
15 days—middle of semester	One-half semester charge	One-half semester charge
After middle of semester	No refund	No refund

After the middle of a semester, no refund of general college fees or tuition will be made except in case of personal illness and upon recommendation of the College or family physician.

**Residential fee:** Except in the first 15 days of the semester, no refund of this fee will be made.

**Board:** For the purpose of calculating refunds, board will be charged at a rate of \$1.50 per day for each day in residence.



## *Credit*

No credit will be awarded, diploma granted, or transcript of credits furnished a student until all financial obligations to the College, other than student loans, have been paid or secured by other financial arrangements.

All previously incurred expenses at the College must be paid in full or secured before a student may re-enter at the beginning of any semester.

## *Other Fees*

**Riding Fees**—For instruction in riding the fees are as follows:  
Two hours a week (recreation only).....\$90.00 each semester  
Four hours a week (recreation or credit) .....\$150.00 each semester  
Unlimited hours (recreation or credit).....\$180.00 each semester  
Recreational riding on a

non-scheduled basis.....\$3.60 per hour

Bills for riding fees are collected by Grey Horse Stables. After a student has had one riding class, no refund of fees will be made unless a physician certifies that the student is physically unfit or the Registrar finds it necessary to change the student's schedule.

**Academic Costume**—Senior students are furnished an academic costume for use during their senior year at a cost of \$7.00.

**Books and Supplies**—Books and supplies are available at the College Book Store. These cannot be included in a student's college account but must be paid for in cash at the time of purchase.

**Student Bank**—It is suggested that students deposit their personal funds in the Student Bank. Deposit books are furnished by the College, and personal funds are handled according to savings account procedures. The Bank, which is under the jurisdiction of the Comptroller's Office, is open at certain hours daily through the week.



## Financial Assistance

Mary Washington is pleased to provide scholarships, loans and part-time employment for deserving students in need of help in meeting their College expenses. To apply for assistance, all students must file the Parents' Confidential Statement of the College Scholarship Service with the Director of Financial Aid, prior to March 1st of the year they plan to enter.

Incoming students may obtain these Statements from their high schools, or by writing the College Scholarship Service, P. O. Box 176, Princeton, New Jersey 08540. Action will be taken only on applications for those students who have been admitted to the College by the Committee on Admissions.

Students presently attending Mary Washington may obtain their statements and applications from the Office of the Director of Financial Aid.

**Eligibility and Tenure.**—Scholarships and loans are awarded to full-time students on the basis of character, need, and ability. Recipients must maintain good academic standing, a clear disciplinary record and, when employed, render satisfactory service.

### *Scholarships*

#### **Alpha Psi Omega Scholarship**

The Mary Washington Cast of Alpha Psi Omega awards a \$50 annual scholarship to the junior or senior major in Dramatic Arts and Speech who has maintained a high academic average, given evidence of need, and made an outstanding contribution to dramatics at the College.

This award, given in the spring, will be credited to the recipient's account the following session.

#### **Lalla Gresham Ball Scholarships**

Established by Mrs. Jessie Ball duPont in memory of her mother. Applicants for these grants must be residents of one of the following counties of Virginia: King George, Westmoreland, Northumberland, Richmond, Lancaster, Essex, and King and Queen. The scholarships may be renewed annually, provided that the student remains in good standing at the College.

#### **Bayly-Tiffany Scholarships**

These awards, made by the University of Virginia upon our recommendation, are for residents of Northampton and Accomac Counties. However, if none are eligible from these areas, students from other eastern shore Virginia counties and eastern shore Maryland counties will be considered.

#### **Biology Scholarships**

Through a generous friend of the College, an ample fund to provide scholarships in biology has been established. Awards are

made to outstanding and deserving Mary Washington juniors and seniors in biology or bio-chemistry upon recommendation of their departmental chairmen. Scholarships are also available to students planning graduate work in these fields elsewhere upon completion of their degrees here.

#### **Lt. General Albert J. Bowley Scholarship Fund**

Established by Mrs. Elsie Ball Bowley in memory of her husband, Lt. General Albert J. Bowley, a distinguished officer of the United States Army. Consideration is first given to daughters of service personnel, and then to students from free foreign countries (preferably Latin Americans), or to students whose major interests and work lie in the fields of history or political science. The recipient of this scholarship will devote to the James Monroe Memorial Foundation as much of her time and services as the authorities of Mary Washington College shall prescribe.

Miss Richardia Johnson was awarded this Scholarship for the 1969-70 session.

#### **Carol E. Casto Memorial Scholarship Fund**

Established by Mr. and Mrs. Harold J. Casto in memory of their daughter, this gift of at least half of the costs of the general college and student activities fees will be awarded annually to a resident of Virginia. Although preference is given to applicants from Arlington County, students from other counties in Virginia may apply.

#### **Chancellor's Alumnae Fund**

Established in 1961 by the Mary Washington College Alumnae Association. Awards are made at the discretion of the Chancellor to students, alumnae, or faculty of Mary Washington College for graduate or special study. Please address inquiries to the Director of Financial Aid.

#### **The Chandler Scholarship**

Algernon B. Chandler, President of Mary Washington from 1919 to 1928, made a bequest of \$1,000 to the College. The proceeds shall be used toward the education of a junior or senior selected on the basis of scholarship, attitude, and need.

#### **The Hatton Lathrop Clark Scholarship**

Established through the generosity of Mrs. Hatton Lathrop Clark, this full scholarship is awarded a Virginia student who, in the judgment of the Chancellor, deserves such recognition and has genuine financial need. Please address inquiries to the Director of Financial Aid.





### **Educational Opportunity Grants**

Established by the Higher Education Act of 1965, this federal matching fund is designed for students "of exceptional financial need, who for lack of financial means of their own or of their families would be unable to enter or remain in college without an Educational Opportunity Grant." Further information may be obtained from the Director of Financial Aid.

### **FMC Corporation, American Viscose Division, Award**

The FMC Corporation, American Viscose Division, has granted the College \$1,000 to be used for scholarships or any other purpose the College believes desirable.

### **General Undergraduate Scholarships**

On the basis of financial need, the College offers a number of scholarships from \$100—\$350 for the nine-month session. Applicants must be legal residents of Virginia.

### **Martin Luther King Memorial Scholarship**

This \$500 gift is awarded to a Virginia resident in her freshman year with option of renewal for her sophomore year. In addition, she will receive an equal amount from the Educational Opportunity Grant to further guarantee her the college education she would otherwise be unable to achieve. Please address inquiries to the Director of Financial Aid.

### **Mu Phi Epsilon Scholarship**

Phi Psi Chapter of Mu Phi Epsilon, National Professional Music Sorority, offers an applied music scholarship of \$50. Majors in music who have reached second-semester freshman standing are eligible to apply.

### **Minnie Rob Phaup Memorial Scholarship**

This scholarship established in memory of Minnie Rob Phaup, formerly of the Mary Washington College faculty, may be awarded to a graduating senior in psychology for graduate study in this field.

### **Annie Fleming Smith Scholarship Fund**

Established by Mrs. Elsie Ball Bowley in memory of Mrs. Annie Fleming Smith, whose efforts made possible the preservation of Kenmore, the home of George Washington's sister. In awarding this scholarship, primary consideration is given to students from the Virginia Northern Neck, consisting of King George, Westmoreland, Richmond, Lancaster, and Northumberland

counties. This recipient will devote to the Kenmore Association as much of her time and services as the authorities of Mary Washington College shall prescribe.

#### **The Thomas Howard and Elizabeth Merchant Tardy Endowment Fund**

Established in 1962 by Mrs. Ida Elizabeth Tardy with an initial gift of \$1,000. The income from the grant shall be used primarily to aid students descended from James R. Tardy and his wife, Mary M. Tardy, and from William H. Merchant and his wife, Belle Ashby Merchant.

#### **Mary Washington College Scholarships**

On the basis of financial need and academic achievement, the College offers a limited number of scholarships from \$100 to \$300 for the nine-month session. Applicants must be legal residents of Virginia.

#### **O. P. Wright Memorial Scholarship Fund**

Established in 1964 by a bequest from the estate of O. Pendleton Wright, architect of several buildings at Mary Washington, this award is made to deserving students with genuine financial need.

### *Loans*

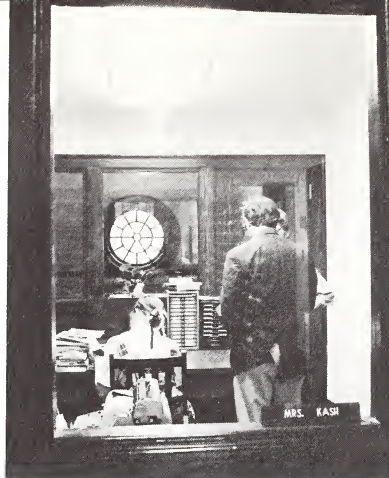
#### **The National Defense Student Loan Program**

The purpose of the National Defense Student Loan Program is to make it possible for worthy students in need of financial assistance to obtain a college education. To be eligible, a borrower must carry at least half of the normal class load, need the amount of the loan, and be capable of maintaining good academic and social standing. These loans are available to all students who are citizens of the United States.

The maximum that may be borrowed for any twelve-month period is \$1,000, provided sufficient funds are available. The amount granted is determined by the Committee on Financial Aid upon review of the Parents' Confidential Statement.

The borrower will sign a note for her loan, and repayment begins one year after she graduates or leaves school. Ten years are allowed to complete payment. No interest on the loan will accrue prior to the beginning of the repayment period, and interest thereafter is paid at the rate of three percent per year. In the event of the borrower's death or permanent and total disability, obligation to repay the loan is cancelled.





## FINANCES

The National Defense Education Act further provides that a maximum of fifty percent of the loan (plus interest) may be cancelled should the borrower become a full-time teacher in a public or non-profit elementary or secondary school. Such cancellation is at the rate of ten percent per annum (plus interest) for each year of full-time teaching service.

Cancellation at the rate of 15 percent of the loan plus interest (up to 100 percent of the total loan) is granted for each year of full-time teaching in a designated low-income school or as a teacher of handicapped children in a public or other non-profit school.

The College uses the current Parents' Confidential Statement of the College Scholarship Service as its application for this and all financial assistance.

### State Scholarships for Teachers

These scholarships are in the nature of loans which are cancelled at a fixed rate for each year that the recipient teaches in the Virginia public schools after graduation. Applicants must be residents of Virginia and meet the qualifications established by the State Board of Education. Information and applications may be obtained from the Director of Financial Aid.

Other types of loans are available upon request.

### Student Employment

The College offers many opportunities for part-time employment for qualified students with a "C" average or better. Most positions, which include those in the library, residence halls, dining hall and faculty offices, pay from approximately \$400 to \$600 for the nine-month session. For information and applications, please address inquiries to the Office of Student Employment, Box 1341.





*Student  
Life*





## **The Student and the College**

Mary Washington, like most colleges, has its own way of life. It is important, therefore, that prospective students and their parents become familiar with its purposes and objectives before submitting applications for admission.

Mary Washington College is committed to the ideals of individual responsibility and the pursuit of excellence, and it is felt that these ideals are best achieved when conditions of democratic tradition and a high standard of personal honor exist. For this reason, the Student Association and the Honor System pay vital roles in student life at Mary Washington College.

In this context students are encouraged to make decisions for themselves concerning the day-to-day conduct of their life at the College. The students are expected to live under regulations prescribed by the Student Association and are bound to maintain a high standard of personal and academic conduct by the self-imposed—and self-regulated—Honor System.

The College strives to create and maintain an atmosphere of friendliness and helpfulness on the part of students and faculty. It is expected that students will at all times uphold the standards, traditions, and regulations of the College and that parents will cooperate in these matters. A student is likewise held responsible for the conduct of her guests on campus.

Insofar as possible, the College shares with parents or guardians the responsibility of helping the student to uphold the standards and abide by the regulations of the institution. The fact that a student is of legal age or is paying her own expenses in no way alters this relationship.

**The College administration reserves the right to request any student to withdraw whose conduct or general attitude is considered unsatisfactory, even though no specific charge is made against her.**





## Student Association

The Student Association is composed of the entire student body. Its purpose is to promote personal responsibility, loyalty, and a high sense of honor in the individual student, and to further the best interests of the student body and the College by inculcating the underlying principles of self-government and democracy.

The Association has executive, legislative, and judicial branches, each with clearly defined duties and responsibilities, and each an integral and vital part of the governmental process. The constitution of the Association is designed to involve the greatest number of students possible in the governmental process, making it more essential to the conduct of student affairs.

As prescribed by the constitution, legislative powers are delegated to a representative student senate. The position of the SA Executive Chairman is defined by the document as the chief executive of the Student Association and as the primary link between the students and the administration of the College. Designated to assist the Executive Chairman in fulfilling the executive responsibilities is an Executive Cabinet consisting of the Legislative Chairman, Judicial Chairman, Academic Chairman, Social Chairman, and National Affairs Chairman, plus three ex-officio student members.

Judicial responsibilities on the campus are shared by the individual residence halls and a joint council, consisting of students and faculty members. In addition, there is a campus review court authorized to hear appeals on judicial matters. Other residential matters and the coordination of residence hall activities are dealt with by a campus residential council.

A Student Handbook containing the constitution, a detailed outline of the Student Association organization and responsibilities, and student and administrative regulations is given to each student at the beginning of each college year. The new student is further acquainted with these rules and with the Honor System in orientation groups sponsored by the Student Association and the Honor Council in the first week of the session.

In addition to the responsibilities specifically designated by the SA constitution, students are afforded an opportunity to play an active role in the decision-making process at the College by serving on various campus-wide committees dealing with academic, social, cultural and community affairs.

## The Honor System

The Honor System is a moral code of personal integrity at Mary Washington College. It belongs to the students, who derive their authority and responsibility from the Board of Visitors of the University of Virginia. Because students are responsible for deciding when a breach of honor has been committed, the enforcement of the Honor System is in their hands.

Each student as a member of the student body at Mary Washington has the responsibility, not only for familiarizing herself with the provisions of the Honor Code upon which the student body has agreed, but also for developing within herself the highest and strongest personal honor code possible. Each student must realize that by accepting admission to Mary Washington, she has acknowledged her commitment to the provisions of the Honor Code. When she signs the Honor Pledge Card, she is committing herself to support the Honor System. She is stating that she understands it, and realizes that a plea of ignorance is never acceptable.

The Honor System provides that a student shall act honorably in all relationships of campus life. Lying, cheating, stealing, or breaking one's word of honor are considered infringements of the Honor System. Whenever a violation of the Honor System is proved, the penalty, usually dismissal from the College, will be determined by the Honor Council. The pledge on quizzes, examinations, written problems, and exercises means that the work which the student hands in to her professor is her own, which she herself has done in accordance with the requirements for the course as laid down by the professor. The pledge is as follows: "I hereby declare upon my word of honor that I have neither given nor received help on this work." The faculty cooperates in establishing a clear understanding of these requirements. In any case of doubt as to the nature or extent of a pledge, the student should immediately request that the professor in charge make the requirement perfectly clear to the entire class.

Every student entering the College for the first time is given a copy of the complete Code of the Honor System and she is expected to familiarize herself with its provisions. Orientation counsellors work to interpret the Honor System to every new student before she is asked to sign a pledge stating that she understands what is expected of her and that she realized that a plea of ignorance will not be accepted by the Honor Council. **Registration as a student in the College is not considered to have been completed until this card has been signed.** No grades or credits will be released unless the signed Honor Pledge Card is on file.

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## STUDENT LIFE

The Honor Council is only a judicial body designed for trial purposes of specific cases brought to it by a student regarding possible violation of the Honor Code. It has no responsibility for discovering guilt before an accusation has been made. The Honor Council shall consist of a President and eight class representatives. The President shall be elected by the student body by secret ballot on the basis of a simple majority of the votes cast. The eight Honor Council Representatives, two elected respectively from each of the four classes by a simple majority of the votes cast, will comprise the voting members of the Honor Council. The Honor Council President is not a voting member and during a trial, she shall serve only in the capacity of chairman.

The Honor Pledge Card that each student must sign to complete matriculation at the College reads as follows:

"I, as a student and a citizen of Mary Washington College, do hereby resolve to uphold the honor of the College by refraining from giving or receiving academic material in a manner not authorized by the instructor; from the illegal appropriation of the property of others; and from the deliberate falsification of facts. I shall do all in my power at all times to create a spirit of honesty and honor for its own sake, both by upholding the Honor System myself and by helping others to do so.

"I understand the Honor System and realize that a plea of ignorance will not be accepted by the Honor Council."





## Residential Life

The majority of Mary Washington College students are required to live in college housing. Two exceptions are permitted: (1) students with junior or senior status, who are in good standing academically, financially, residentially, and socially, and are not the recipients of financial assistance (excluding student aid and state teachers scholarships) may with the consent of their parents reside off campus; and (2) students may live in their homes or with an immediate relative.

Applications for off-campus housing must be submitted to the Director of Admissions not later than August 1 before the opening of the School year in September. Permission is granted then for the entire academic year. Student requests normally will not be approved for off-campus housing the second semester except for applications submitted by August 1. Off-campus arrangements with immediate relatives must be approved by the Director of Admissions. All students living off campus will be regarded officially as day students.

Regulations concerning the residence halls are contained in the Student Handbook. Students may occupy their rooms on the dates specified by the College calendar. Accommodations are provided for the students who wish to remain on campus during the Thanksgiving and Spring vacations, but no residence hall or dining room facilities are available during the Christmas holidays.

Room assignments for incoming students are made by the Office of the Dean of Students. Students presently enrolled in the College are allowed to make their room reservations for the next session on a designated day in the spring. A student must have completed the re-admission procedure before she can reserve a room.

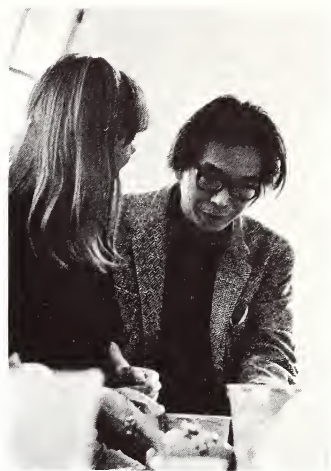
## Social Life

An active social program is planned at Mary Washington College each year in an effort to provide events and activities to be desired and enjoyed by as many students as possible.

The social calendar for the year includes receptions, dances, teas and mixers; programs by the departments, such as music, dramatics, and physical education; lectures by visiting lecturers; concerts by guest artists; and regularly scheduled moving pictures, both foreign and American.

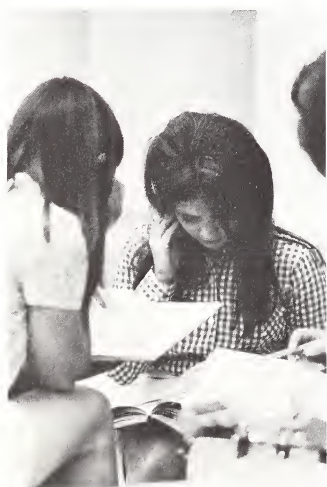
## Drama Series

The Department of Dramatic Arts and Speech annually presents at least three major productions and a student-directed children's



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## STUDENT LIFE



play. In selecting the plays to be presented consideration is given to providing the students a varied and balanced drama season and to best utilizing the talents of the drama majors. During the 1969-70 school session there were performances of *The Cherry Orchard* by Anton Chekhov, *A Taste of Honey* by Shelagh Delaney, and *The Three Penny Opera* by Bertolt Brecht.

### *Dances*

In the course of the year there are at least three formal dances, two of them open to the entire student body; the third sponsored by the Junior Class. In addition to the formal dances, there are occasional informal dances and mixers throughout the year.

### *Concerts*

A varied concert series is planned each year to include both visiting artists and student and faculty performances. A number of major concerts are scheduled each year featuring programs by symphony orchestras, vocal and instrumental artists, and dramatic groups. During the 1969-70 school year, for example, performances were given at Mary Washington College by Oliver Culbentson and Carey McMurran, a violin-piano duo; Don Redlich and Company, a modern dance group; the Atlanta Symphony, Orchestra, Robert Shaw conducting; the Pennsylvania Ballet; and the Trumpets of the Lord, a musical adaptation of James Weldon Johnson's "God's Trombones."

In addition to guest performers, there are presentations by faculty and student members of the Department of Music. Each year there is a Winter Band Concert and Christmas and Spring Choral Concerts, plus several student and general recitals.

### *Art Exhibitions*

Each year the College holds a number of art exhibitions including at least one major exhibition and a student exhibition. These shows are held in the duPont Galleries located in the Fine Arts Center. The major exhibitions are usually of a magnitude to attract visitors from throughout the state and feature works of note in art circles. During the 1968-69 school session, for example, the College presented an exhibition of the works of Teruo Hara, a noted ceramist and a Visiting Artist at the College. In 1967-68 the College sponsored a rare public exhibition of U.S. Senator Hugh Scott's collection of Tang Dynasty art.

The student exhibition is usually held at the end of the year and provides an opportunity for student artists to display what



they have done during the school term. It also gives the College a chance to recognize outstanding achievement in the studio arts with the presentation of awards.

### *Other Events*

Two segments of the Department of Health, Physical Education and Recreation also present special programs each year. The Terrapin Club (a synchronized swimming club) presents an exhibition in the fall and a show in the spring. The Mary Washington Dance Company each year presents a dance concert.

In addition to these special events there are numerous inter-class and club parties and functions and other group activities in which a student may participate if she so desires.

### **Religious Life**

As a non-sectarian institution recognizing the religious freedom of the students, Mary Washington College makes no attempt to project into their lives the views of any one faith. The churches in Fredericksburg, representing most of the denominations, extend a cordial welcome to the students, who are encouraged to associate themselves with some church.

A number of the denominations have organizations on campus. In cooperation with the local churches these groups promote the welfare of their members through frequent meetings for discussion, devotions, or social activities.

The various religious organizations include: the Baptist Student Union, the Episcopal Students, Student Religious Liberals (associated with the Unitarian Fellowship), the Lutheran Student Association, the Newman Movement, the Christian Science Organization, Hillel, the Wesley Foundation, and the Westminster Fellowship.

There are three full-time church counsellors provided by their respective denominations (Baptist, Methodist, and Presbyterian),



who direct centers adjacent to the campus. The College is not responsible for their programs but cooperates with the counsellors through the Office of the Dean of Students.

There is also a chapter of the Young Women's Christian Association (YWCA) on the campus. The YWCA sponsors campus-wide religious concerns programs periodically and directs the annual World University Service (WUS) drive.

### Health Program

Mary Washington College is interested in the prevention of illness and the promotion of a high standard of health in its student body.

The College is concerned with conditions affecting student health in order that all cases of illness may be given proper care; that the incidence and spread of contagious diseases may be reduced to the lowest terms; and that the general working efficiency and living standards of the students may be maintained at a high level.

Every student is required each year to present a certificate from her family physician indicating the results of a recent physical examination. This examination should be made not more than two months prior to the beginning of the session. Under no circumstances will a student be assigned to a room or allowed to register for classes until this completed medical form is on file.

If this examination reveals information pertinent to the health and welfare of the student, such information should be included with the certificate. It is strongly recommended that all students receive the tetanus toxoid during the summer before entrance.

The medical fee for students living in the residence halls covers the charges for services of the medical and nursing staff of the College and for time spent in the College Infirmary as a patient.

Every student is required to participate in some form of physical education which is in keeping with the condition and particular physical needs of the individual. Special guidance is provided for those with physical handicaps.

A complete program of intramural activities is provided, some of which are hockey, basketball, tennis, swimming, golf, lacrosse, bowling, fencing, dancing, archery, riding, and volleyball.

### *Specialists, Private Nursing, Etc.*

The College does not assume responsibility for the cost of services of specialists or private nurses, or for special prescriptions, operations, or fees in the local hospital.

A daily report is made by the Infirmary to the Dean of Students. In cases of severe illness or accident, the parents or guardians are informed promptly.

Mary Washington Hospital in the City of Fredericksburg provides all modern facilities, including the services of specialists in all branches of medical science. A student is often referred to the hospital for diagnostic purposes and when the illness is too serious for her to remain in the College Infirmary.

### *Health Regulations*

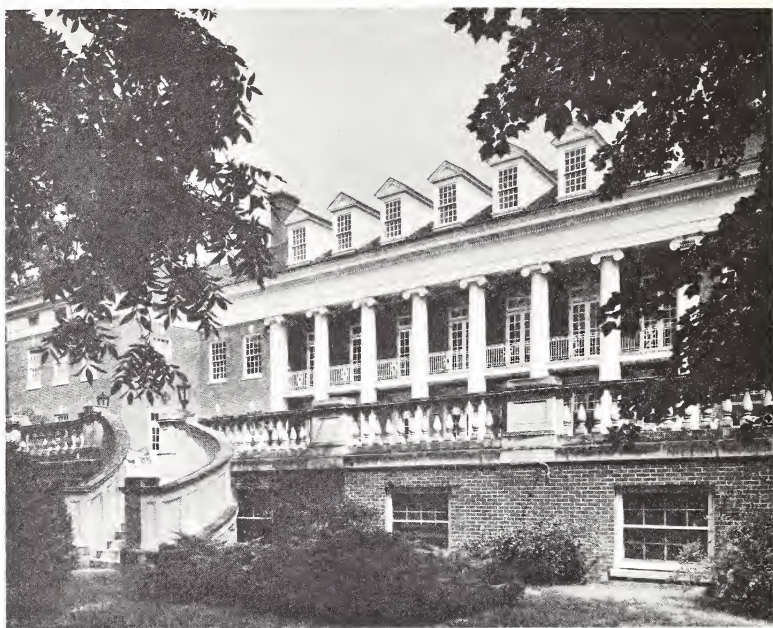
1. Students living in their own homes are not entitled to the services of the infirmary or College medical nursing staff.
2. It is necessary to obtain an excuse through the College infirmary for any absence from class on account of illness.
3. The College calendar should be referred to in making out-of-town medical and dental appointments so that such engagements will not involve leaving early or entering late at holidays.
4. A student ill enough to be in bed should not remain in a residence hall, but should be in the infirmary where she can have proper care. No meals are served in the residence hall rooms.
5. Students detained at home because of illness should notify the College infirmary immediately upon their return to the campus.
6. Students who have been exposed to any infectious disease must report to the College Physician before attending classes or mingling with other students.
7. A consulting physician may be called at the request of either the student or her parents or guardian; this is to be done through the College Physician or the Nurse.
8. Responsibility for physical examination information for transfer to other colleges and for summer employment will rest with the examining physician and will not be the responsibility of the Infirmary to forward a copy of the records for the above purposes.

### **Special Services and Opportunities**

There are a number of special services and opportunities available at Mary Washington College aimed at complementing the formal education a student receives and offering assistance to the student who desires it. These services are available to every student on a voluntary basis.

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## STUDENT LIFE



### *Guidance and Counselling*

The College attempts to provide adequate guidance and counselling without taking from the student the responsibility for making her own decisions. A Faculty Committee on Academic Counselling and Guidance helps to establish policies in this area.

### **Faculty Adviser**

Upon her arrival at Mary Washington College, each new student is assigned a faculty adviser, who, as far as possible, is an instructor in the field of the student's major interest. The adviser helps the student with her program of studies and is available for regular consultation throughout the year. Freshmen in particular are urged to maintain close contact with their advisers.

Ordinarily the student retains the same adviser during her sophomore year, but she may change at any time upon request. As an upperclass student she will be under the direction of the chairman of her major department or someone designated by him at the time she receives permission to major.

Students are also invited to seek advice from the various deans, and members of the faculty, and also from residence hall directors. Although no sharp distinction is made, students usually confer with those in the Offices of the Dean of Students and the Director



of Student Affairs on matters concerning personal and social life, and with the Dean or Associate Dean on academic matters.

### **Counseling Center**

For special problems the College offers to its students psychological services on a full-time basis. Testing is available for the assessment of aptitude, interest, and personality patterns as they relate to academic and career-oriented questions and plans. The Counseling Center also receives students (for the most part self-referred) who present problems in personal, emotional, and social adjustment. The facilities of the Counseling Center are provided by the College on a non-fee basis and with complete assurance of confidentiality.

### ***Placement Bureau***

The Placement Bureau offers an advisory and placement service to graduates and prospective graduates seeking employment. A folder of detailed information is compiled for each graduate, and an effort is made to give as complete a picture as possible of the candidate's qualifications.

Business executives, personnel directors, school superintendents, and others interested in employing graduates are invited to visit the College, consult the credentials compiled by the Bureau, and interview applicants. Confidential reports giving a full and accurate estimate of each applicant will be furnished on request of a prospective employer.

### ***College Theatre***

The College Theatre is an integral part of the Department of Dramatic Arts and Speech and affords students the opportunity to appear before the public in major productions of plays by the world's great authors, and to gain practical experience in the various phases of theatrical production.

The Department of Dramatic Arts and Speech requires that all students engaged in the activities of the department and its organizations maintain at least a "C" average. Any student not maintaining this average during the current semester or preceding semester will not be allowed to participate in the activities.

Also available in duPont Hall is a radio broadcasting workshop, with studios and a control room.





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## STUDENT LIFE

### *Language Houses and Laboratories*

Brent Hall and Marye Hall are language houses for students of French and Spanish respectively. In addition, one or more suites in appropriate residence halls may be reserved for German majors. With the guidance of staff members from the Department of Modern Foreign Languages, students engage in a systematic development of fluency in the oral use of the language. Seminar-type meetings, visiting speakers, and the social and cultural activities of the language clubs, which are centered in these houses, give additional opportunities for acquiring facility in speaking. Major students must be given first consideration, but there is generally room for other students who have the necessary language proficiency, which is usually attained after completion of an intermediate course.

The Department of Modern Foreign Languages operates two thirty-booth listen-record-listen laboratories, which are open for class sections under the regular instructor. Under the direction of a specially trained staff member, with student assistants, the laboratories are open several hours a day as a library facility for individual use. Members of beginning and intermediate classes are expected to spend considerable time in the laboratory on their oral assignments, dictation exercises, and pronunciation. Students on more advanced levels also use the laboratories.

### *Field Trips and Tours*

In addition to the regular program of instruction, the College sponsors visits to the local shrines and other places of interest, including those in the immediate vicinity of Fredericksburg, in Washington, D. C., Richmond, and other places easily accessible. The air-conditioned college bus offers transportation to concerts and plays, and to historic sites such as Stratford and Williamsburg.

The chairmen of various academic departments have charge of the trips or tours used to supplement class instruction. These, also made in the college bus, reinforce the work in history, art, music, geology, and other fields. Students are able to attend conventions, visit other educational institutions, and take advantage of the cultural facilities in nearby cities.

Art students visit the galleries in Washington and Richmond, music students attend musical events, students in dramatics attend plays, and students in economics and political science are able to visit government or legislative sessions in these two capital cities. Students in psychology and sociology go to such institutions as St. Elizabeth's Hospital in Washington and the Western State Hospital in Staunton. Trips of a general cultural nature are often open to any interested undergraduates.

## **Clubs and Organizations**

There are a number of honorary fraternities, scholastic and professional societies, departmental clubs, and other student organizations. Although course work is of primary interest to the student at Mary Washington, many find time and energy to devote to these other activities. All organizations are under the supervision of the student Inter-Club Association in cooperation with the Office of the Dean of Students and the Student Government Association. There are no social sororities at the College.

### *Honorary Organizations*

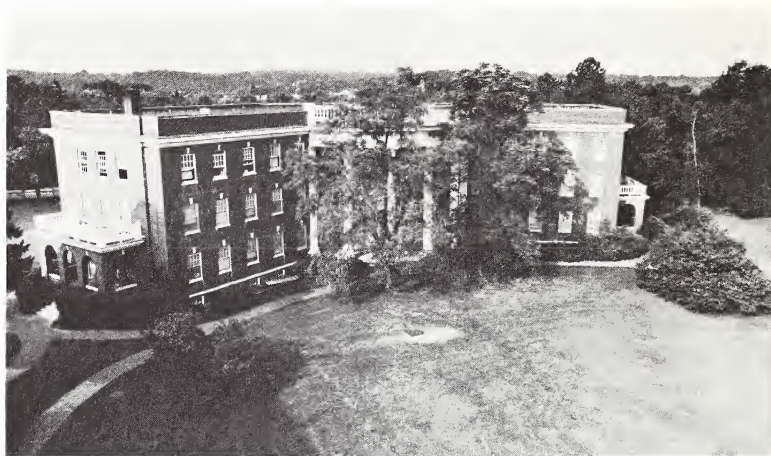
There are honorary fraternities or scholastic societies for almost every discipline pursued at Mary Washington College. In addition to these special interest honor groups there is a chapter of Mortar Board, the national honorary organization for senior women, which taps outstanding juniors on the basis of leadership, scholarship, and service to the College.

The national honorary groups with chapters at Mary Washington College include: Alpha Phi Sigma (scholastic), Alpha Psi Omega (dramatic), Chi Beta Psi (science), Eta Sigma Phi (classics), Mu Phi Epsilon (music), Omicron Delta Epsilon (economics), Phi Sigma Iota (Romance Languages), Pi Gamma Mu (social sciences), Phi Chi (psychology), and Zeta Phi Eta (professional speech arts). Sigma Omega Chi (sociology) and Sigma Tau Chi (economics) are local honorary organizations, and there is an English Honorary Fraternity.



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## STUDENT LIFE



### *Departmental and Other Clubs*

A number of departmental or general clubs and organizations offer activities in which students with special interests may participate. These include: Der Deutsche Verein, El Club Espanol, the Italian Club, Le Cercle Francais, the College Chorus and Concert Band, the Mary Washington Players, Pi Nu Chi (nursing), Mu Alpha Chi (medical technology and pre-medical), the Organ Guild, the Student Education Association, the Day Students' Club, International Relations Club, Mike Club, Oriental Club, Physical Therapy Club, Psychology Club, Sociology Club, Science (Matthew Fontaine Maury) Club, and the Young Democrats and Young Republicans.

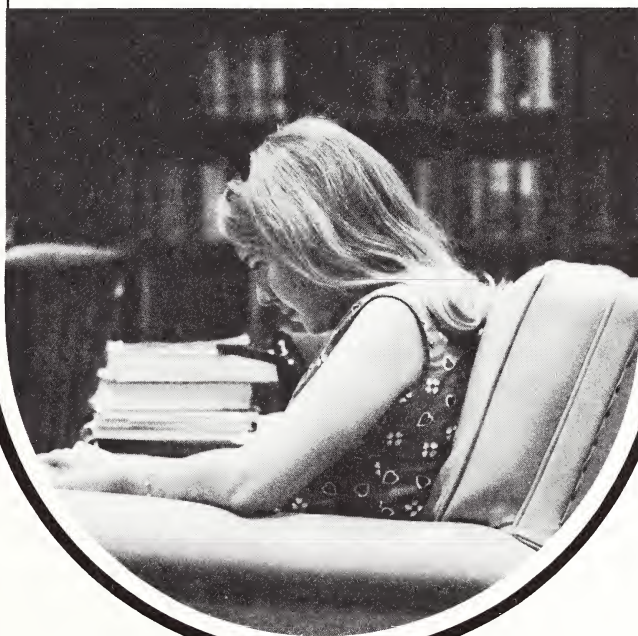
### *Recreational Association*

In addition to the organized activities listed above, there are several campus-wide events each year that are planned by the Recreation Association to promote wholesome activity and recreation. The Association also sponsors five additional clubs: the Hoof Prints, Fencing, Physical Education, Outing, and Terrapin Clubs.

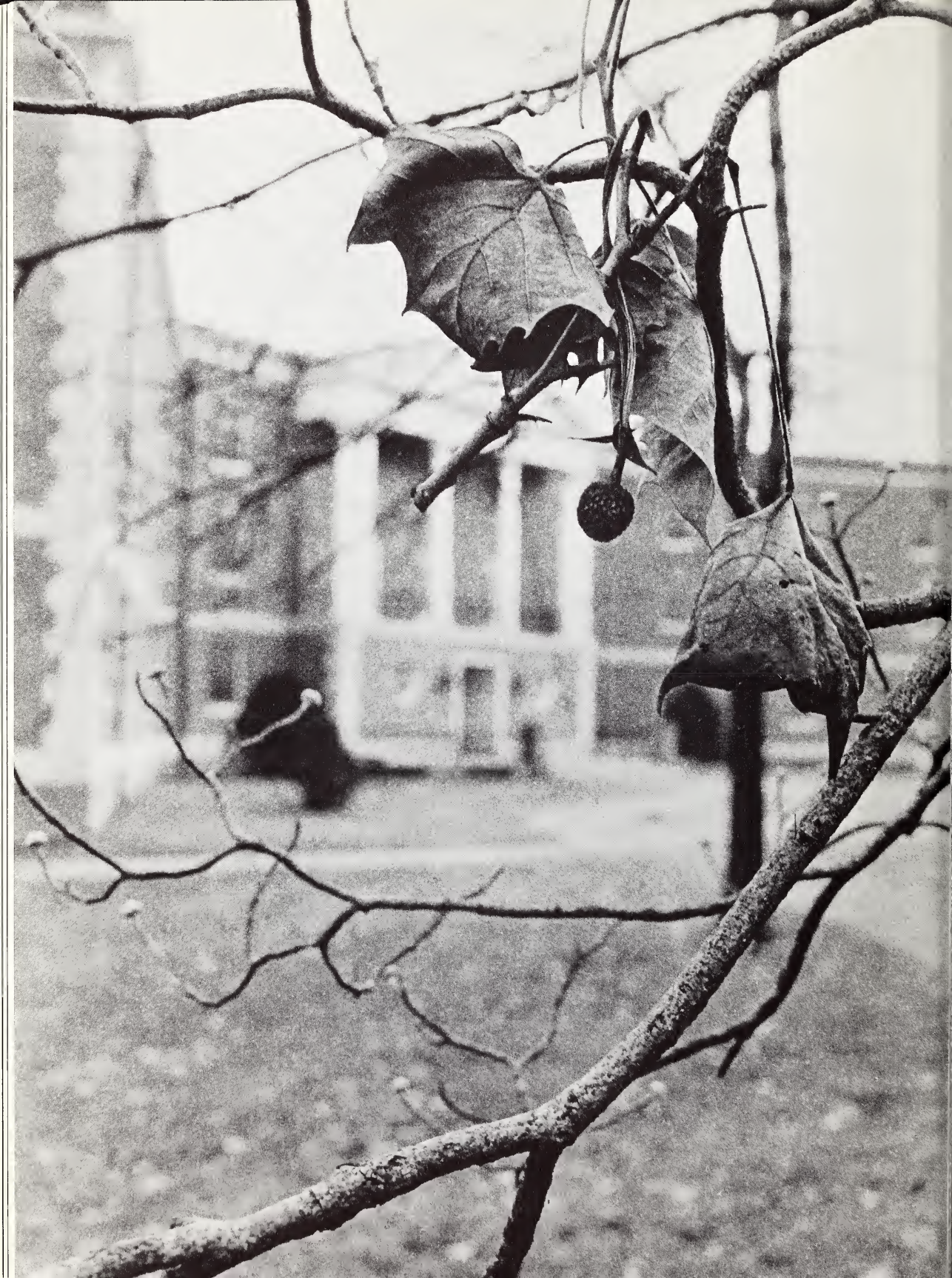
### *Student Publications*

There are three student publications on the campus: The Bullet, the College newspaper published weekly; The Epaulet, a literary magazine published quarterly; and The Battlefield, the College yearbook. The Student Handbook is issued by the Student Government Association in cooperation with the Office of the Dean of Students.

*Academic  
Information*









## Organization

### *Semester Plan*

The College is organized on the semester plan, and students may enter at the beginning of either semester. (See College Calendar.) Beginning sections of certain basic courses are offered in the second semester. Students who enter the second semester in February are given special orientation to help them adjust readily to the College.

### *Summer Session*

The Summer Session is an integral part of the school year. The courses offered have the same credit and the same standard of work as those offered in the regular session. Classes are offered Monday through Friday.

Although the majority of students spend four years in college, the work for a degree at Mary Washington College can be completed in three calendar years by attendance at three general sessions and three summer sessions. It is possible to complete a semester's work in each of three courses by attending the eight-week term. A vacation period of five weeks comes between the close of the summer session and the beginning of the fall semester.

High school graduates who would normally enter college in September may begin with the summer session in June and complete a substantial portion of the first semester's work before the fall term.



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## ACADEMIC INFORMATION

### *Terminology*

**Semester Hours.**—All credit toward graduation is calculated in semester hours. A semester hour represents one hour of class instruction (or two hours of laboratory work) a week for one semester, or approximately eighteen weeks. A college course that meets three times a week for a semester carries three semester hours credit. A course that meets three times weekly throughout the session (two semesters) carries six semester hours credit.

**Required Course.**—A course that every candidate for a degree must complete, regardless of the subject in which she plans to major. It is recommended that all required courses be completed during the freshman and sophomore years.

**Major Program.**—A field of concentration or specialization to which a student devotes a large proportion of her program of studies in the junior and senior years. Usually, a major program consists of 24 semester hours in the major subject (in addition to any credits that may be included in the general requirements for graduation) and 12 semester hours in related fields.

**Elective.**—A course not specifically required for a degree or for the major program which the student is following.

**Course.**—Subject or portion of a subject as outlined in this bulletin for the session or for a semester.

**Quality Point.**—A numerical measure of the student's progress toward a degree, awarded on the basis of grades earned. The number of quality points must be at least twice the number of semester hours attempted.

**Unit.**—A basis for evaluating high school work. A unit represents a minimum of five 40-minute periods of class work a week for at least 36 weeks.

### **Academic Regulations**

#### *Classification of Students*

**Freshmen.**—Students with fewer than 28 semester hours of credit.

**Sophomores.**—Students with from 28 to 57 semester hours of credit.

**Juniors.**—Students with from 58 to 89 semester hours of credit.

**Seniors.**—Students with as many as 90 semester hours of credit.

**Specials.**—Students enrolled at the college who are not considered degree candidates.

## *Student Load*

A student should plan her class schedule carefully each semester in consultation with her faculty adviser, taking care both to ensure normal progress toward graduation and to avoid too heavy an academic load. The faculty adviser must approve the student's schedule before she completes her registration.

In her first year of college, a student should register for not less than fourteen or more than seventeen credit hours a semester. After the first year she should ordinarily carry from fifteen to eighteen credit hours a semester.

No student living in a College residence hall during the regular session may carry less than twelve semester hours without permission from the Dean of the College.

## *Excess Hours*

Only in exceptional circumstances will a student be allowed to carry excess hours (more than seventeen hours the first year, more than eighteen hours after the first year). Permission to carry excess hours must be obtained from the Dean of the College.

## *Change of Schedule or Courses*

A student's academic program and schedule of classes must be approved each semester by her faculty adviser. After it has been reviewed and accepted by the Registrar, a schedule may not be changed without permission.

A student wishing to make a change should consult her faculty adviser and get his written permission to drop or add any course. During the first week of the semester she must present this permission to the Registrar's Office; after the first week she must present it to the Dean or Associate Dean of the College for approval.

No credit is allowed for a course for which the student has not officially registered and which is not listed on the class schedule filed in the Registrar's Office. No course may be added after the first three weeks of classes.

If a course is dropped after the first three weeks of a semester, a grade of "F" will be recorded unless the instructor certifies that the student was passing at the time of withdrawal. An exception to this rule may be made for extended absence because of illness. If a course is dropped during the last three weeks of classes, a grade of "F" will be recorded.

A student dropping out of a course without permission will automatically receive a grade of "F".



### *Class Attendance*

Regular class attendance is expected of all students except in case of illness or other emergency. Students are responsible for the material covered in a course whether they are present or not.

Request to be absent or explanations for absence from class should be made to the instructor teaching the course, except in the case of final examinations, which must be taken according to schedule unless specifically excused by the Office of the Dean.

**All excuses for absence must be submitted within three days after the absence has occurred.**

Absences from class immediately preceding or following a holiday are especially discouraged. Students should consult the college calendar in making plane and train reservations. Students are not permitted to shift classes or examinations to expedite leaving the College for the weekend, holidays, or any other purpose.

Medical excuses for both residential and day students must be submitted to the College Infirmary, which will make a report to the Registrar's Office for transmission to each instructor.

No student may receive credit for a course in which she has missed more than one-fourth of the class meetings, regardless of the reason.

Students whose class attendance is unnecessarily irregular may be requested to withdraw from the College.





## *Grading*

A student's class performance determines the final grade in any course. Class performance is based on the quality of a student's work as indicated by recitation grades, written tests, examinations, laboratory work or term papers.

Scholarship standing is indicated as follows:

"A" is given for work of unusual excellence.

"B" is given for work distinctly above average.

"C" denotes work of average or medium quality.

"D" is the lowest passing mark and represents work of below average quality.

"E" denotes unsatisfactory work in which a condition has been incurred. When the condition is removed, a grade of "D" is recorded. Conditions not made up by the end of the following semester automatically become "F."

"Inc." Incomplete. Incomplete work not made up by the end of the following semester automatically becomes "F."

"F" denotes failure and requires that the subject be taken again and passed before credit can be allowed.

"P" Pass. This indicates that the course requirement has been successfully met.

"S" Satisfactory. This indicates that the course requirement has been successfully met.

"U" Unsatisfactory. This means that the requirement has not been successfully met and an additional course must be taken before credit can be allowed.

Credits earned with a grade of "P" or "S" count towards graduation but carry no quality points.

Pass/Fail—With approval of her advisor, a student may take one such course each semester for elective credit only, on a Pass/Fail basis. She must register as a Pass/Fail student by the end of the initial three-week drop-add period. After that time no change in status is permitted. Because Pass/Fail credits carry no quality points, they are not used in determining a student's grade point average. The credits earned count toward graduation, however, and a "P" or "F" is recorded on her transcript.

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## ACADEMIC INFORMATION

### *Credit by Examination*

The College not only participates in the Advanced Placement Program and the College Level Examination Program of the College Entrance Examination Board (see p. 24) but also permits credit by examination for courses offered in the regular curriculum.

A student may request that a department examine her in any appropriate course (not independent study or seminar courses) for which she has not been enrolled during the semester in which she makes her request. If the department agrees to her request and she passes the examination, she will receive the allotted number of credits with a grade of P, which will not affect her quality point standing. If she fails the examination, she will receive a grade of I, which will become F unless she attends and passes the course, or passes another equivalent examination, by the end of the next semester.

The credit hours will be regarded as part of the student's academic load and, if she is a part-time student, the normal charges per credit hour will apply.

### *Scholarship Quality Points*

A candidate for a degree must have earned at least twice as many quality points as semester hours attempted at Mary Washington College before being permitted to graduate. This means that the student has earned the minimum 2.0 or "C" overall grade point average required for graduation. Courses taken in the major subject in fulfillment of the major program requirements must also average at least 2.0 or "C".

The following Quality Point system enables students to keep constant check on their standing, and to know at all times whether or not they are maintaining the overall "C" average required by the College.

For each semester hour earned with a grade of "A" four quality points are allowed.

For each semester hour earned with a grade of "B" three quality points are allowed.

For each semester hour earned with a grade of "C" two quality points are allowed.

For each semester hour earned with a grade of "D" one quality point is allowed.

For each semester hour earned with a grade of "P" no quality point is allowed or required.

For each semester hour earned with a grade of "S" no quality point is allowed or required.



In each case the number of semester hours credit in each course is multiplied by the number of quality points assigned to the grade earned in that course. For example, "A" in a course for which three semester hours credit are allowed entitles the student to twelve quality points. In this same course a grade of "B" would entitle the student to nine quality points, "C" to six quality points, and "D" to three quality points. No quality points are earned for grades of "F," "P," "S," or "incomplete."

A permanent record of quality points earned as well as semester hours attempted and earned is kept in the Registrar's Office. This information is available to students and parents at all times.

### *Reports, Deficiencies and Failures*

Regular reports are mailed to students and parents at the end of each semester. In addition to the semester grades, notice is given of cumulative totals in the number of hours attempted, hours passed, and quality points earned.

Students and parents are also notified of unsatisfactory or deficient work in the middle of each semester.

Students with academic deficiencies are urged to make every effort to remove them before the end of the semester, since in order to graduate, they must maintain at least a 2.0 or "C" average in all credit hours attempted, as well as in courses taken in the major subject to satisfy the major program requirements.

The Dean of the College and the Associate Dean are ready at all times to confer with students or parents regarding academic problems.

### *Repeating A Course*

Courses may be repeated only with permission from the Office of the Dean. (1) If a student repeats and passes a course which she previously has failed, then her record will be credited with the hours passed and the additional quality points; however, she will not be charged with any additional hours attempted. (2) If a student repeats for quality points a course she has already passed, her record will be charged with no additional hours attempted or hours passed, but the quality points earned on the second grade for the course will be **substituted** for the quality points originally earned in the course.

## *Academic Probation and Suspension*

### **Probation**

In general, a student is placed on academic probation if she is not making satisfactory progress toward graduation.

1. In terms of credit hours a student will be placed on academic probation if
  - a. in any semester, including the first, she fails more than four semester hours work;
  - b. in any semester she receives grades of D, E, or F on more than 7 semester hours of work, regardless of her total number of hours or quality points;
  - c. at the end of her freshman year she has fewer than 28 semester hours;
  - d. at the end of her third semester she has fewer than 43 semester hours;
  - e. at the end of her sophomore year she has fewer than 58 semester hours;
  - f. at the end of her fifth semester she has fewer than 73 semester hours;
  - g. at the end of her junior year she has fewer than 90 semester hours.
2. In terms of quality points a student will be placed on probation if
  - a. at any time during her first five semesters she falls more than 11 quality points below twice the number of hours she has attempted;
  - b. at the end of her sixth or seventh semester she does not have twice as many quality points as hours attempted.



### **Suspension**

A student will be suspended if

1. at any time after the end of the first semester she falls more than 6 credit hours below the minimum standards set forth in section 1 under Probation;
2. she falls more than 19 quality points below twice the number of hours she has attempted;
3. at the end of her sixth or seventh semester she falls more than 9 quality points below twice the number of hours she has attempted;
4. she incurs probation for a third time. (For reinstatement after suspension, see the Catalogue, p. 25.)



As previously noted, a student may be placed on probation or suspended for either a semester hour or quality point deficiency. Under usual circumstances a student will not be granted probationary status for more than two semesters. A student who is suspended for the first time may be readmitted on probation by earning in the summer school of this College at least eight semester hours and sixteen quality points. A student seeking such reinstatement must do so ordinarily in the summer session immediately following the academic suspension.

### *Withdrawal*

#### **Voluntary Withdrawal**

A student wishing to withdraw from the College must have advance consent of her parent or guardian if she is a minor and must inform the Dean of Students in any case.

#### **Enforced Withdrawal**

Students who continuously fail to meet the academic and social standards of the College may be asked to withdraw or not to return to Mary Washington.

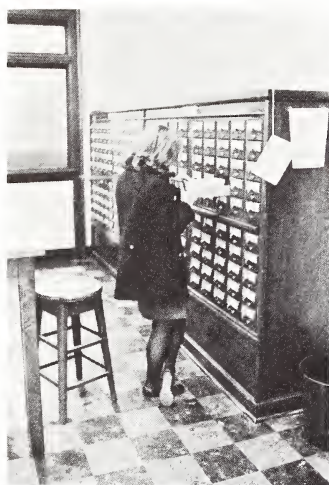
#### **Withdrawal While on Probation or Under Suspension**

A student who withdraws from the College while on academic probation or under suspension for academic deficiency normally is not eligible for readmission. Upon request by the student, special consideration for readmission may be granted by the Committee on Admissions.

#### **Marriage**

A student entering into marriage prior to college enrollment or during attendance at college (including summer and other vacation periods) is ineligible to remain in residence except with special permission. Any change in status must be discussed in advance with the Dean of Students. Each case is considered on its individual merits.





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## ACADEMIC INFORMATION

### Recognition of Academic Achievement

#### *The Dean's List*

A student who attains a grade point average of 3.50 or better for any semester with no grade below "C" is placed on the Dean's List of Honor Students.

#### *Intermediate and Final Honors*

A junior at Mary Washington College who has achieved a 3.75 grade-point average in her freshman and sophomore years is awarded "Intermediate Honors" at the Chancellor's Convocation held during the first week of the session.

Similarly, a student who attains a 3.75 grade-point average in her junior and senior years is awarded "Final Honors" at the graduating exercises held at the end of the session.

#### *Academic Distinction*

General academic attainment of graduating seniors will be recognized through the awards of **Distinction**, **High Distinction** and **Highest Distinction**, based solely on the student's academic average at Mary Washington College. The level of attainment for each award shall be as follows: **Distinction**: 3.25; **High Distinction**: 3.50; **Highest Distinction**: 3.75. A student may receive both Honors in her department and one of the **Distinction** awards.

#### *Honors Work*

A student who has maintained a grade point average of 3.25 in her major and related fields and a general grade point average of 3.0 during five semesters and who has shown ability for independent study, may apply for permission to do honors work in her senior year. This project is equivalent to six semester hours (eight semester hours in the laboratory sciences) of course work in the major and may be carried on in an advanced seminar or under individual supervision by a faculty member, according to the decision of the Committee on Honors of the department concerned.

To make application for honors study, the student must receive approval from the department, to which she will first submit a statement of her aims in the work which she wishes to undertake. Since this application must be completed not later than May 1 of her junior year, the student planning to do honors work should consult the departmental adviser early that year.

Evidence of achievement in honors work will be shown by presenting to the departmental Committee on Honors a research thesis, a series of brief scholarly essays, or a creative project. If the committee approves, it may recommend that the student be awarded a degree with honors. If the committee does not regard the thesis, essays or project as deserving of honors recognition, it will determine the grade to be given.

### *Awards*

#### **Colgate W. Darden, Jr., Award**

This award was established in 1960 in honor of Colgate W. Darden, Jr., who was president of the University of Virginia from 1947 to 1959. It consists of a medal, designed by Gaetano Cecere, formerly of the Art Department, and also a cash sum. It is presented to the senior having the highest academic average.

This award was made in June, 1969, to Alice Berry Clagett of Upper Malboro, Maryland.

#### **The Thomas Jefferson Cup**

The Thomas Jefferson Cup is presented annually by the Alumnae Association at the Senior Convocation to that member of the graduating class who, during her years at Mary Washington College, has distinguished herself by academic achievement and outstanding service to the College. The award was established in 1944 to commemorate the consolidation of Mary Washington College with the University of Virginia.

This award was made in April, 1969, to Patricia Mae Boise of Westport, Connecticut, and Mary Page Williams of Marion, Virginia.

#### **Kiwanis Award**

Through the interest and generosity of the Fredericksburg Kiwanis Club, a silver bowl is awarded each year to the senior who, in the judgment of the faculty, has contributed most to the promotion of the interests of the College during her stay here.

This award was made in April, 1969, to Patricia Mae Boise of Westport, Connecticut

#### **Alpha Phi Sigma Award**

The Alpha Phi Sigma honorary scholarship fraternity makes an annual award to the junior who made the highest academic average during her freshman and sophomore years. The presentation is made at the Chancellor's Convocation at the opening of the session.

This award was presented on September 18, 1969, to Betty Ruth Stokes of Martinsville, Virginia.

## Requirements For Graduation

1. A candidate for a degree must complete a recognized major and earn 120 semester hours (in addition to four credits in physical education) and a minimum of 240 scholarship quality points. That is, the number of quality points must be at least twice the number of semester hours attempted to earn the minimum 2.0 overall grade point average required for graduation. Only credits earned at Mary Washington College are used in computing a student's grade point average. Credit for courses taken elsewhere may be counted toward graduation but neither raises nor lowers academic standing at the College.

2. The number of quality points earned in courses taken in the major subject to satisfy the requirements of the major program must also equal the required minimum overall 2.0 grade point average.

3. A student failing to have the necessary number of scholarship quality points by the time she completes her degree requirements may take additional courses to make up the required number of quality points. All such courses, however, must first be approved by the Dean.

4. A transfer student must also earn at least twice as many quality points as credit hours attempted in all work completed at Mary Washington.

5. Responsibility for meeting the College and major department requirements for a degree rests with the student.

6. An application for a degree must be filed in the Registrar's Office by the end of the second semester of the junior year.

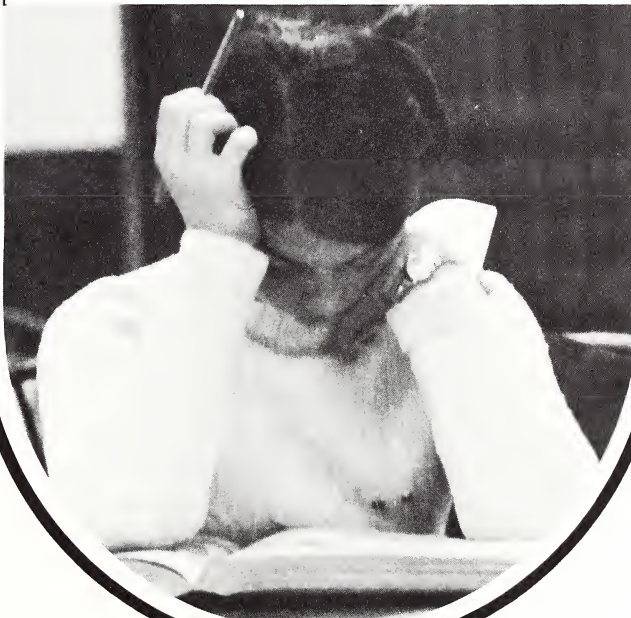
7. A total of at least two years of residence at Mary Washington (four semesters) is required for a degree, and, except in the case of cooperative programs, the last semester of a student's work must also be done in residence at the College. At least eighteen semester hours in the major subject must be completed here.

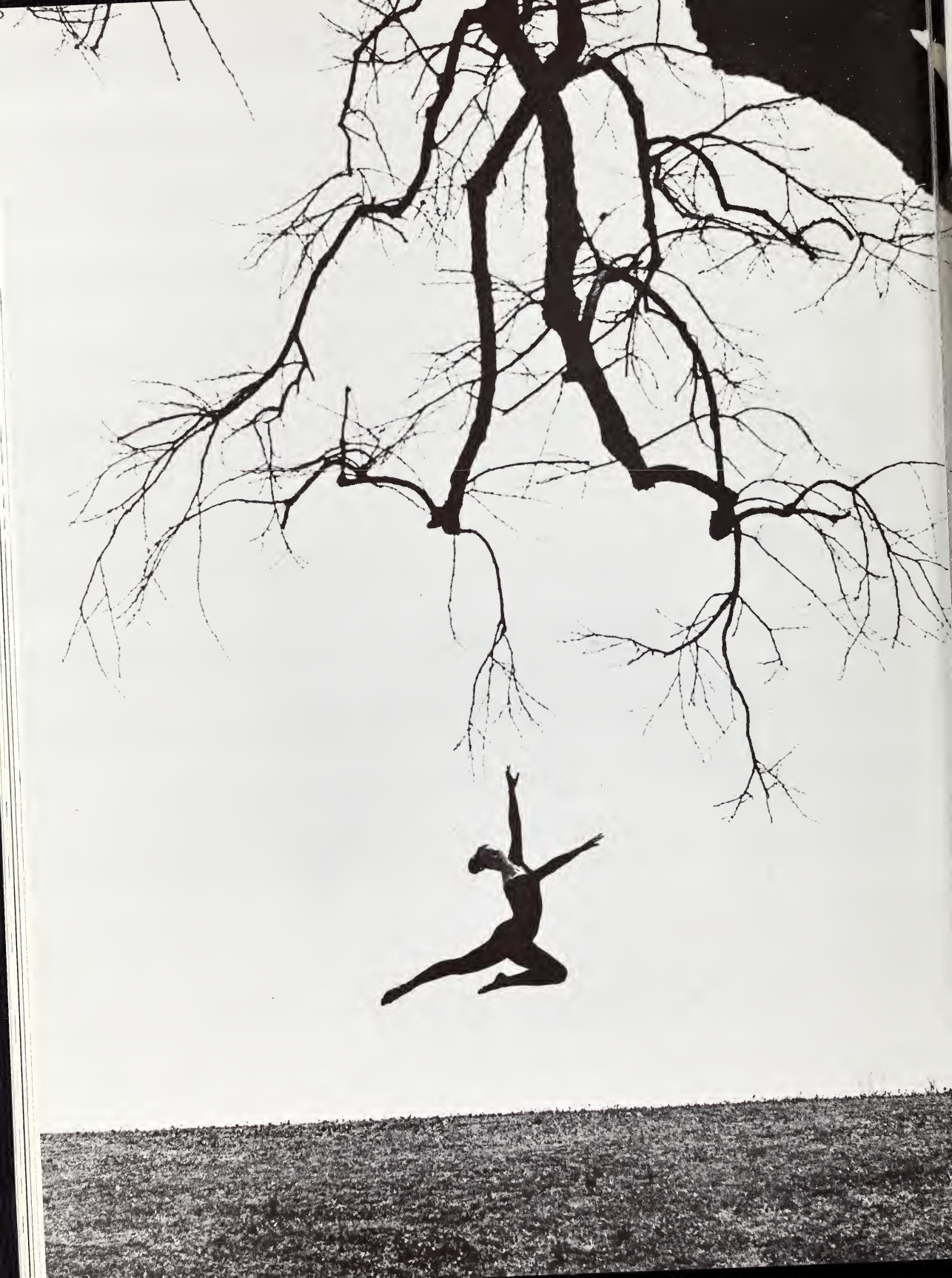
8. Correspondence courses are not accepted for transfer credit. Extension classes may be taken for credit only by permission of the Dean and the chairman of the department concerned. Under no circumstances may more than thirty hours of extension credit be counted toward a degree.

9. Four credits in physical education are required for a degree. However, no more than four hours credit in activity courses are allowed. Students are urged to complete the required courses in physical education during their first two years of college, but may register for other courses for no-credit.



*Program  
of  
Studies*





## Degrees Offered

The College offers the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Medical Technology, and Bachelor of Science in Physical Therapy.

### *Requirements for the Degree of Bachelor of Arts*

One hundred and twenty-four semester hours of credit are required for the Bachelor of Arts degree, distributed as follows:

	Semester-Hours
Basic Requirements .....	12
English Composition and Literature .....	6
Mathematics or Problems in Philosophy.....	6
Area Requirements .....	44
Language and Literature .....	18
1. Foreign Language and Literature....	12*
2. English Literature Courses .....	6
Natural Science .....	8
Fine Arts: Art, Music, Dramatic Arts .....	6
United States History or History of Civilization .....	6
Economics, Geography, Political Science, Psychology, or Sociology (one field only) ..	6
Major Program .....	36
Major Subject.....	24
Related Subjects (6 hours of the related subjects may be included in area requirements if permitted by the department in which the student is majoring.)	
Electives .....	28
(Sufficient credits to total 120 semester hours)	
	120
Physical Education .....	4
Total required for graduation**.....	124

Courses counted toward fulfilling any of the basic or area requirements for a degree cannot be counted also as part of the major subject requirements. A major program in English, for example, must include at least 24 semester hours in that subject, in addition to the 12 semester hours required of all students.

\*18 required if the student begins with an elementary course; 6 required if she begins beyond the intermediate level.

\*\* Students must also meet quality point requirements (See pp. 64).





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## PROGRAM OF STUDIES

Six of the 12 semester hours in related fields may, at the discretion of the departmental adviser, be included in the area requirements.

The requirement of six hours in Mathematics or Problems in Philosophy should be met during the first or second year. Enrollment in Problems in Philosophy is limited to freshmen and sophomores.

The requirement of six hours in Fine Arts normally should be met by taking Art History 111 plus one course from the sequence 213, 214, 215, 216; Dramatic Arts 211-212, World Drama; or Music 111-112, Survey of Music. The English Literature courses are to be chosen from those numbered 231 or higher.

### *Requirements for the Degree of Bachelor of Science*

The Bachelor of Science degree is available to students completing a major program in biology, chemistry, mathematics physics or psychology. Requirements are exactly the same as those for the Bachelor of Arts degree with two exceptions:

- (1) A modern foreign language (preferably German, French, or Russian) must be taken to satisfy the language requirement.
- (2) Instead of having a choice between mathematics and philosophy the student must complete six semester hours in mathematics.

### *Requirements for the Degree of Bachelor of Science in Medical Technology*

The requirements for this degree are also the same as those for the Bachelor of Science degree, the specialized courses outlined in the curriculum on pages 85 to 87 constituting the major program.

### *Requirements for the Degree of Bachelor of Science in Physical Therapy*

The requirements for this degree are also the same as those for the Bachelor of Science degree, the cooperative program and suggested curriculum listed on pages 87 to 89 constituting the major program.

## Major Program

The major program usually includes 24 semester hours in the major subject and 12 semester hours in related subjects offered either in the major departments or in other departments.

A major program leading to a degree may be chosen from any one of the following fields:

American Studies	French	Philosophy
Art	Geography and	Physics
Asian Studies	Geology	Political Economy
Biology	German	Political Science
Chemistry	History	Pre-Foreign Service
Classical	Latin	Psychology
Civilization	Latin American	Religion
Dance	Studies	Russian Studies
Dramatic Arts and	Mathematics	Sociology
Speech	Music	Spanish
Economics		
English		

Detailed statements of the requirements for a major program in each of the above fields are given in the section of the catalogue entitled "Course Offerings" (pp 95 to 178). There are also certain interdepartmental major programs which draw their courses from closely related fields. For the specific schedules of subjects, see pages 78 to 83.

Near the end of her sophomore year, each student should apply to the departmental chairman or the interdepartmental program adviser concerned for permission to undertake a major. In granting this permission, the department will inform the student of the name of her major adviser, who will help her to outline a program of studies for the junior and senior year and to meet department requirements.

## Elective Courses

In addition to courses in the major fields listed above, the student may elect to take courses in astronomy, in education, in foreign languages other than those offering a major. She may also apply for admission to the Liberal Arts Seminars.

Twelve semester hours in vocational subjects, such as home economics and education, is the maximum allowed for all students.



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## PROGRAM OF STUDIES

### Teaching

Mary Washington does not confer professional degrees in Education. Students majoring in the various fields who wish to qualify for the Collegiate Professional Certificate may take the necessary courses as electives. (See pp 125 to 129 for sequence of courses leading to the Collegiate Professional Certificate.)

Students who wish to qualify for teaching certificates should consult the requirements for certification in the state in which they expect to teach, in order that they may take the necessary courses.

### Preparation for Graduate Study

A student contemplating graduate work should ascertain the requirements for advanced study in her field and should familiarize herself with the catalogues of specific graduate schools. As early as possible she should discuss her plans with her adviser, so that she may be guided in her program of studies.

The student should normally select French or German to meet the undergraduate language requirements, and study both languages if she intends to pursue graduate work beyond the master's degree. In some fields Russian or one of the other languages may prove valuable as a second language choice.

The Honors Program of the College offers the student experience in independent study and research that may help to qualify her for a graduate scholarship, fellowship, or assistantship. A collection of recent announcements of such awards is available.

The student who applies for admission to the graduate school of a university may be required to take either the Graduate Record Examination or the Miller Analogy Test before her application is considered. Information concerning these examinations may be obtained from the Counseling Center.

### Foreign Languages

Major programs are offered in French, German, Latin, and Spanish. Requirements for these major programs are listed with the course offerings, but students should consult members of the department before choosing courses in related fields.

Students who choose a major program in a foreign language are expected to participate actively in the work of the departmental club promoting the use of that language.

In addition to the major programs in Latin, French, Spanish and German, sequences of elective courses in Greek, Italian, Japanese, Portuguese, and Russian are also offered. Any of these



languages, except Portuguese, may be selected in meeting the foreign language requirements for a degree.

No credit is given for less than one full year of any foreign language.

Credit for a single year in a foreign language will be allowed only if it is offered in addition to the degree requirements in foreign language or if it is a third-year course meeting the degree requirement.

If credit for three years of foreign language is necessary to meet degree requirements, all three years must be taken in the same language.

A student who has high school credit for two or three units in a foreign language will not receive college credit for a beginning course in that language.

A student who has high school credit for four years in a foreign language will not receive college credit for an intermediate course in that language.

Sequence of courses and prerequisite requirements must be strictly followed if credit is expected.

Students who plan to continue the study of a language are urged to enroll in a course in that language in their first year at this college. Experience shows that interruption of continuous study may seriously affect progress in a language.

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## PROGRAM OF STUDIES

### Junior Year Abroad

Mary Washington College participates in various junior year abroad programs. Students completing courses in programs approved by the Dean of the College and the chairman of the department of their major interest may receive appropriate credit toward a degree at Mary Washington. Further information may be obtained from the Dean of the College.



### Interdepartmental Majors

Interdepartmental majors are offered in seven fields: (1) American Studies; (2) Asian Studies; (3) Classical Civilization; (4) Latin American Studies; (5) Pre-Foreign Service; (6) the Pre-Medical Sciences; and (7) Russian Studies. These comprehensive majors offer opportunity for a broader preparation in certain areas of study than that afforded by the existing departmental majors.

Students who select an interdepartmental major are not required to complete the customary departmental major, but they must fulfill all other requirements for a degree. (See pages 73 to 74 for listing of required courses.)

Since the curriculum for each interdepartmental major is organized in detail, students should plan their programs of study rather carefully in consultation with the adviser listed for the field.

#### *American Studies*-Adviser: Mr. Glen R. Thomas

The interdepartmental major in American Studies emphasizes as a foundation a balanced program in the following:

1. American History
2. Literature and Philosophy
3. Social Sciences
4. Fine Arts
5. A knowledge of at least one non-American civilization.

In addition to four required American Studies seminars, a minimum of twenty-four hours in 300-400 level courses must be taken in a combination of these five areas. Beyond these basic requirements the program stresses flexibility in meeting the interests of the individual majors. A student may, according to her interests, concentrate in one of the above areas.

The general requirements are exactly the same as those for the Bachelor of Arts degree. It is recommended, however, that prospective majors take Political Science 201-202 to satisfy the requirement in social science.

A major program requires that each student complete the four American Studies seminars in her junior and senior years. No two seminars may be taken concurrently. The remainder of the major program will be planned around the five areas that form the core of the major in close consultation with program adviser.

### *Asian Studies* —Adviser: Mr. Kurt F. Leidecker

The Asian Studies major differs from the traditional interdisciplinary majors both in subject matter and method of study. It is built around a core course which is so structured that any of its four components may also be taken for credit by students who are not majors in Asian Studies.

The areas covered at present are South, Southeast, Central and East Asia.

The general degree requirements are the same as those for the Bachelor of Arts, except that an Asian language and literature may be taken to satisfy the Foreign Language and Literature requirement, and Problems in Philosophy must be taken to satisfy the Mathematics or Philosophy requirement.

The major program requires 36 credits of which 12 (or four times three) credits fall to the core course, 6 to language and literature, and 18 to the field of concentration or specialization. This leaves a minimum of 28 electives or a maximum of 46 provided the student comes to Mary Washington with advanced standing in Language, English and History.

Independent study, honors work, attendance at summer sessions of universities and institutes offering courses in the Asian field or Asian languages, and study abroad during the sophomore or junior year, particularly in the Orient, will be encouraged. Graduate study should not be ruled out as a continuation of the program offered at Mary Washington.

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## PROGRAM OF STUDIES

### *Classical Civilization*- ADVISER: MRS. LAURA SUMNER

This interdepartmental major is centered in classical civilization and culture. Courses in the art, philosophy, history, and literature of ancient Greece and Rome constitute the basic requirements. Either Latin or Greek must be taken in addition to a modern language, and both are recommended.

The general requirements are exactly the same as those for the Bachelor of Arts degree, with these exceptions:

- (1) French, German, Latin, or Greek must be taken to satisfy the language requirement.
- (2) Philosophy 101-2 must be taken to satisfy the mathematics or philosophy requirement.
- (3) Art 111 and 213 must be taken to satisfy the fine arts requirement.

A major program requires that a student earn forty-four credits in courses in classical civilization.





Twelve credits, in addition to the credits used to fulfill the language requirement, in either Latin or Greek must be included in these hours. Other courses in ancient philosophy, art, civilization, archaeology will be worked out by the student and her adviser.

*Latin American Studies* — ADVISER: MISS MARY ELLEN STEPHENSON.

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## PROGRAM OF STUDIES

A person wishing to major in Latin American studies must complete thirty-six hours which the director of the program and his committee accept as forming a coherent program concerned with Latin America. This program must include Readings and Research on Latin America (6 credits). The language requirement of the college must be met with a language of Latin America.

The above program is intended to give students interested in humanities and/or social sciences an opportunity to concentrate on the Latin American region. The one course, Readings and Research in Latin America, will be a seminar devoted to selected topics in art, architecture, economics, folklore, geography, history, literature, and politics of Latin America.

Other courses would be drawn from among the following Latin American content courses:

Geography: 334, 335

History: 337, 358, 451, 452

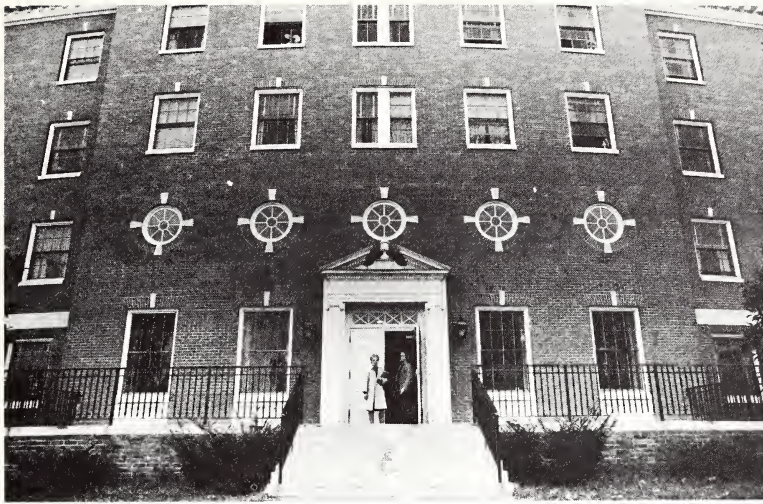
Political Science: 351, 352

Modern Foreign Languages:

Portuguese 491

Spanish 219-220, 228, 237, 239, 240 or 329, 320, 429, 430, 431, 432, 491

In addition, the committee could allow credit for other courses when the particular program of the student seemed to warrant its inclusion.



*Pre- Foreign Service-* ADVISERS: MR. VICTOR FINGERHUT, MR. KURT F. LEIDECKER

The interdepartmental major in Pre-Foreign Service is a liberal arts course in which the offerings of certain departments are regrouped in such a way that they will prepare a student wishing to work in one of the many agencies of the United States directly or after supplementary training, to enter a business firm overseas, to teach in a foreign country, to join the Peace Corps, to work for a domestic organization, institution or foundation having a foreign department, or to continue her language, area, or foreign relations studies at a graduate school.

A student choosing this major should indicate her interest at the latest during the second semester of her freshman year. Great stress is laid on American backgrounds, international area studies, and particularly foreign languages.

The general degree requirements are the same as for the Bachelor of Arts degree, with these qualifications:

1. Philosophy 101-102 must be taken to satisfy the mathematics or philosophy requirement.
2. The modern foreign language to be taken should be the one in which the student comes to Mary Washington College with some proficiency, as determined by the Department of Modern Foreign Languages. This does not preclude the possibility of taking up a second foreign language, preferably in the sophomore year.
3. Economics 201-202 or Political Science 201 and 202 must be taken to satisfy the social science requirement.

The major program requires that a student earn 54 credits in recommended courses in the following departments:

Modern Languages.....	12 credits
Geography .....	9 credits
Political Science .....	6 or 9 credits
Economics .....	9 or 6 credits
History.....	6 credits
Philosophy .....	6 credits
English or Psychology or Sociology.....	6 credits

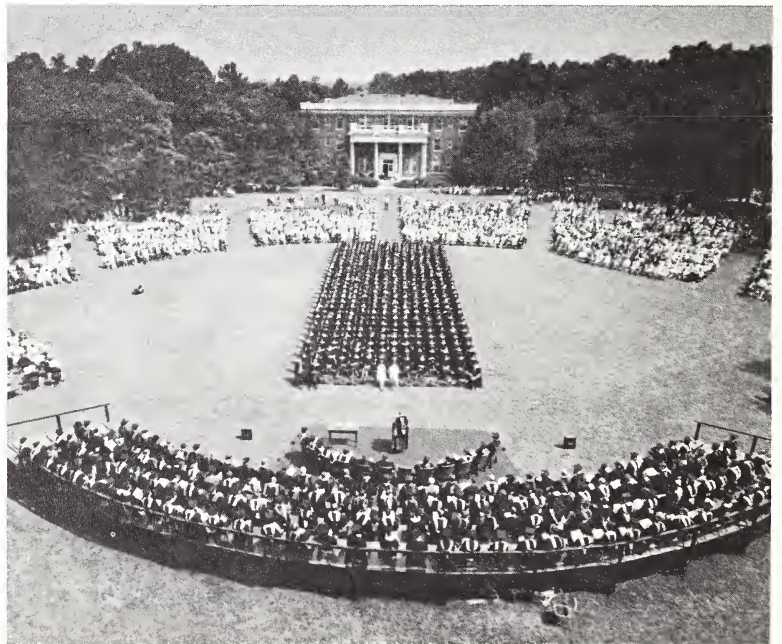
Ten additional credits are to be selected from cognate courses in various departments, including those mentioned under the major program, in order to attain greater proficiency in certain fields. In the event that relevant special courses are announced, the candidate for a degree is expected to take them under this category.

Special groupings of courses, depending on the type of foreign service the student wishes to enter, will be made upon consultation with the adviser and the department involved.

At least one-third of all courses taken must be on the junior and senior levels. Engaging in independent study and participation in honors work, the Liberal Arts Seminars, and the Junior Year Abroad are encouraged so as to intensify certain area studies.

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## PROGRAM OF STUDIES





*Pre-Medical Sciences-* ADVISER: MR. THOMAS L. JOHNSON

The interdepartmental major in the pre-medical sciences is designed as an undergraduate program for students planning to enter schools of medicine, dentistry, and medical technology. It provides a broader basis for further scientific study than the majors in biology or chemistry, but it does not replace majors in these fields. The general requirements are exactly the same as those for the Bachelor of Arts or Bachelor of Science degree with these exceptions:

- (1) French, German, or Russian must be taken to satisfy the language requirement.
- (2) Mathematics must be taken to satisfy the mathematics or philosophy requirement.
- (3) Psychology must be taken to satisfy the social science requirement.

A major program requires that a student earn thirty-six credits in pre-medical courses. Twenty-eight of the required credits must be:

Chemistry 211-212, Organic Chemistry .....	8 credits
Chemistry 251, 252, Analytical Chemistry .....	8 credits
Physics 101-102, General Physics.....	8 credits
Biology 221, Chordate Anatomy.....	4 credits

Eight additional credits are to be taken in courses selected from the following:

Biology  
Chemistry  
Psychology

The above program meets the course requirements for admission to practically all the medical schools, including that of the University of Virginia. However, students are advised to consult the catalogue of the school which they wish to enter for detailed listings of requirements. With permission of the adviser the requirements listed above may be modified to meet the special requirements of particular schools.

The program also meets the course requirements for entrance to approved schools for medical and clinical laboratory technicians. Recommended electives are bacteriology, embryology, parasitology, and other advanced courses in biology. Physical Chemistry is recommended by many medical schools.

*Russian Studies*— ADVISER: MR. JOSEPH BOZICEVIC

The interdepartmental major in Russian Studies combines the study of Russian language and literature with cognate courses chosen from various departmental offerings in economics, political science, history, philosophy, and sociology. The general degree requirements are those for the Bachelor of Arts except that the Russian language must be taken to satisfy the foreign language requirement.

The major program requires 36 credit hours:

a) CORE COURSES (12 credit hours must be taken for a Russian Studies major):

History 357, 358 History of Russia .....6 credits  
Russian 377 Russian Literature in Translation—

XIX Century.....3 credits  
Russian 378 Russian Literature in Translation—

XX Century .....3 credits  
b) OTHER COURSES WITHIN MAJOR (minimum of 24 credit hours to be selected in addition to core courses) including:

Economics 391 Comparative Economic Systems .....3 credits  
History 493, 494 Special Studies in European History.....6 credits

Political Science 302 Comparative Government II.....3 credits  
Political Science 361 Problems of Communism.....3 credits

Russian 371-372 Soviet Russian Literature (Selected readings in Russian) .....6 credits

Russian 491 Independent Study .....6 credits  
Russian Honors .....6 credits

Russian Studies Seminar\* .....6 credits  
Sociology 492 Special Readings.....3 credits

\*The content of the course will vary from semester to semester depending on the specialization of the instructor.

Beyond the basic degree requirements and the 12 credits of core courses, the program remains flexible. A student may pursue her course of study concentrating on:

a) Russian language and literature

b) Social sciences

c) A combination of courses from various relevant disciplines

The major program is to be worked out in consultation with the Russian Studies adviser.

Additional courses in Russian literature in translation including Pushkin, Tolstoy, Dostovesky, Gogol, Turgenev, Chekhov, Gorky, and others will be offered in subsequent years.

## Cooperative Programs

### *Cooperative Program in Medical Technology—*

ADVISER: MISS ROSE MARY JOHNSON

The College offers a degree program in Medical Technology in cooperation with the University of Virginia School of Medicine. The curriculum covers three sessions of academic work at Mary Washington College, followed by a twelve-month period of specialized training in medical technology.

On successful completion of the fourth academic year the degree of Bachelor of Science in Medical Technology will be awarded by Mary Washington College. After satisfactory completion of the twelve-month period at Charlottesville, the student will be eligible to take the examinations for registration and certification by the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists.

The number of students who can be admitted to the final twelve-month training period is limited by the facilities available. Admission to the last two years of the program will be based upon scholastic record, demonstrated aptitude, and a personal interview by Medical School representatives. Application for the fourth year should be made about one year prior to entrance. After registration for the second semester of the junior year a transcript must be sent to the Registrar, Registry of Medical Technology, Muncie, Indiana, with \$1.00 evaluation fee, for approval. The interview with Medical School representatives will follow.

In the event that a student enrolled in this program should change her interest or not qualify for admission to the clinical laboratories, she may continue with the regular degree program at Mary Washington College and the courses she has taken may be applied to a major in biology or chemistry.

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## PROGRAM OF STUDIES

### Curriculum at Mary Washington College

#### *First Year*

English Composition and Literature courses.....	6
Foreign Language .....	6
Chemistry 111-112 .....	8
Mathematics 111-112.....	6
Physical Education .....	2
Total .....	28



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**PROGRAM  
OF STUDIES**

*Second Year*

English: Sophomore Literature Courses .....	6
Foreign Language.....	6
Biology 121-122 .....	8
Chemistry 251-252 .....	8
History 101-102, History 111-112, or Fine Arts .....	6
Physical Education .....	2
Total .....	36

*Third Year\**

Foreign Language or Fine Arts.....	6
Political Science, Psychology, Sociology, or Economics .....	6
Biology 371 and other Biology .....	8
Chemistry .....	4
Fine Arts, History 101-102, History 111-112, or electives.....	6
Total .....	30

\*The program for the third year should be planned in consultation with the faculty adviser. Total hours for the three years must be not less than 94. Other courses recommended if the student's program permits are Chemistry 311-312, Chemistry 317-318, Biology 331, Biology 372, Biology 382.

**Curriculum at University of Virginia School of Medicine***Fourth Year*

Detailed outlines of the curriculum for the fourth year at the University of Virginia may be obtained from the institution.

The tuition fee for the twelve-month training period at the University of Virginia is \$100.00. This does not include maintenance or uniforms. The following fees are also charged: comprehensive fee \$122.00 and Women Students' Association fee, \$3.00. Enrollees are registered as students of the University of Virginia in the Department of Medicine, and housing is available in Mary Munford Hall. (See University of Virginia catalogue for rates, etc.)

The clinical laboratories of the University of Virginia School of Medicine are approved by the Board of Registry of the American Society of Clinical Pathologists and by the Council on Medical Education and Hospitals of the American Medical

Association. Students completing the program as outlined meet the requirements of the Registry of Medical Technologists.

Students desiring to enroll in this program should make application to the Director of Admissions, Mary Washington College of the University of Virginia, Fredericksburg, Virginia.

### *Cooperative Programs in Physical Therapy—*

ADVISER: MISS ANNA SCOTT HOYE

There is a need for physical therapists (1) in the field of general medicine, neurology, orthopedics, and surgery; (2) for work with crippled children; and (3) for specialized services in the hospitals of the Army, Navy, and the Veterans Administration.

Mary Washington College offers three courses of study for preparation of students in physical therapy. One provides two years of liberal arts work meeting the prerequisites of a third and fourth year of specialized training at any approved school of physical therapy which offers a two-year program. Upon satisfactory completion of the required work, the degree of Bachelor of Science in Physical Therapy will be awarded by the particular medical school attended.

The second program provides for three years of liberal arts work at Mary Washington College and a fourth or fifth year of specialized training at any approved school of physical therapy which offers a one-year course. Upon satisfactory completion of the required program of study the degree of Bachelor of Science in Physical Therapy will be awarded by Mary Washington College or by the particular medical school attended.

The third program is one in which a student graduates from Mary Washington College with a major in some appropriate field. Post-baccalaureate work may then be taken at an approved school of physical therapy with the possibility of earning graduate credit to be applied toward a master's degree. All courses of study should be worked out in detail with the help of the curriculum adviser.

A suggested outline for the first two years of study follows. Substitution may be made with approval of the curriculum adviser. It is recommended that as soon as possible, certainly before the end of the freshman year, the student should make known to the adviser which program she intends to follow and to which school she wishes to make application for professional training, in order that specific prerequisites may be met.

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## PROGRAM OF STUDIES



A list of physical therapy schools approved by the Council on Medical Education and Hospitals of the American Medical Association, together with their particular prerequisites for entrance, is made available to each student in the adviser's office.

### Suggested curriculum at Mary Washington College:

#### *First Year*

English Composition and Literature Courses .....	6
Mathematics 111-112, Mathematical Analysis.....	6
Biology 121-122, Biological Concepts .....	8
History 101-102, American History or History 111-112, History of Civilization .....	6
Foreign Language.....	6
Physical Education .....	2
Total .....	34

#### *Second Year*

English: Sophomore Literature Courses .....	6
Biology 337-338, Anatomy and Physiology .....	8
Psychology 201-202, General Psychology .....	6
Chemistry 111-112, General Chemistry .....	8
Foreign Language.....	6
Physical Education .....	2
Total .....	36



Orientation without credit is offered every year in the form of a professional Physical Therapy Club. All interested students may join and participate in the club's varied activities such as visits to nearby institutions, indoctrination lectures, moving pictures, etc.

Directions for admission to Mary Washington College are to be found elsewhere in this catalogue. Application to the professional school is made at the end of the school year which precedes the last year of study at Mary Washington College.

### *Cooperative Program In Nursing—*

ADVISER: MISS REBECCA T. WOOSLEY

The Cooperative Program in Nursing between Mary Washington College and the School of Nursing, University of Virginia, is a four year curriculum leading to the degree of Bachelor of Science in Nursing. This program consists of prescribed lower division courses\* prerequisite to the nursing major, and an upper division\*\* nursing major.

Required lower division courses are offered by Mary Washington College of the University of Virginia in Fredericksburg, Virginia. The upper division nursing major is offered by the School of Nursing, University of Virginia, in Charlottesville, Virginia. Satisfactory completion of this program qualifies the graduate for beginning positions in hospitals, clinics, doctors' offices, schools, industry, public health nursing and for commissions in military service. Most full-time students can complete this program in four semesters of study at Mary Washington College, one six-week summer session and four semesters at the School of Nursing, University of Virginia.

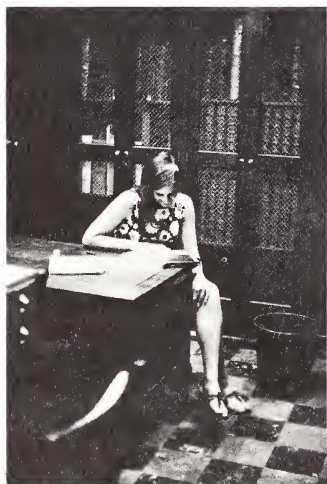
Initial application for admission to this program is to be made to Mary Washington College. Appropriate application forms may be obtained from the Director of Admissions, Mary Washington College of the University of Virginia, Fredericksburg, Virginia 22401.

In order to insure appropriate academic advisement, students wishing to transfer from Mary Washington College to the School of Nursing, University of Virginia, for completion of this program should write to: Director of Admissions, School of Nursing, University of Virginia, McKim Hall, Charlottesville, Virginia 22903, at the time of admission to Mary Washington College.

\*First and second year of the program.

\*\*Third and fourth year of the program.

## PROGRAM OF STUDIES



Candidates for admission to the School of Nursing must meet the following requirements:

1. Completion of the lower division courses of the cooperative program in nursing offered by Mary Washington College of the University of Virginia in Fredericksburg, Virginia.
2. A cumulative grade point average of 2.00 on courses prerequisite to the nursing major.
3. Potential for scholarly achievement and development of professional qualities required of the nurse.

### Application Procedure

During the fall semester of the second year at Mary Washington College, students who wish to transfer to the School of Nursing, University of Virginia, should request an application by writing to the Office of Admissions, The Rotunda, University of Virginia, Charlottesville, Virginia 22903. Completed applications must be received by the Office of Admissions by February 1 preceding the summer in which the student expects to enter the nursing program. The student is required to send or have the proper authority send the following to:

Dean of Admissions  
The Rotunda, University of Virginia  
Charlottesville, Virginia 22903

1. A completed formal application with a recent photograph attached.
2. A transcript of high school record or its equivalent.
3. Scores attained on the Scholastic Aptitude Test of the College Entrance Examination Board.
4. A transcript of all college work.

### Curriculum at Mary Washington College

	1st. Sem.	2nd. Sem.
<i>First Year</i>		
English 111-112, Composition and Reading.....	3	3
Biology 121-122, General Biology.....	4	4
Chemistry 111-112, General Chemistry .....	4	4
History 101-102, American History or History 111-112, History of Civilization .....	3	3
*Physical Education .....	1	1
Total .....	15	15



### *Second Year*

English: Sophomore Literature Courses .....	3	3
Psychology 201-202, General Psychology .....	3	3
Sociology 201-202, Principles of Sociology, Social Problems .....	3	3
Biology 371, Bacteriology .....	4	
Home Economics 231, Anatomy and Physiology .....	5	
*Physical Education .....	1	1
Elective .....	2	
Total .....	17	17

\*No credit will be accepted for transfer for courses in Physical Education and Health.

### **Curriculum at the University of Virginia**

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### **PROGRAM OF STUDIES**

#### *Summer Session*

Sem. Hrs.

Cr.

Nursing I: Introduction to Health Care and Nursing .....6  
The first course in the nursing major, Introduction to Health Care and Nursing, is offered in a six-week summer session on the Grounds of the University of Virginia. Students are required to complete all lower division work prerequisite to the nursing major before enrollment in Introduction to Health Care and Nursing.

Sem. Hrs.

Cr.

#### *Third Year*

Nursing 51: Dynamics of Human Relations .....2  
Nursing 53-55: Nursing Needs of Adults and Children .....10  
Nursing 60: Interpersonal Relations in Nursing .....3  
Nursing 62-64: Nursing Needs of Adults and Children .....10  
Commerce 61: Principles of Organization and Management .....3  
Electives (from areas other than Nursing) .....3



#### *Fourth Year*

Nursing 81: Nursing Needs of Adults with Complex Medical-Surgical Problems .....	4
Nursing 83: Nursing Needs of Patients with Emotional Illness .....	4
Nursing 85: Nursing Needs of Child-bearing and Child-rearing Families with Complex Problems .....	4
Nursing 89: Nursing Needs of the Community .....	4
Nursing 91: Leadership in Nursing Practice .....	4
Nursing 93: Independent Study .....	2
Nursing 95: Nursing Elective .....	2
Electives .....	6
Total (Upper Division)	67

After successful completion of the program, the student is eligible to write the examination for licensure as a registered professional nurse.

Information concerning tuition, expenses, and terms of payment appears in the School of Nursing catalogue which can be obtained by writing the Director of Admissions, School of Nursing, University of Virginia, McKim Hall, Charlottesville, Virginia 22903.

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## PROGRAM OF STUDIES

### *Cooperative Program in Elementary Education —*

ADVISER: MRS. CATHERINE HOOK

Students who wish a more specialized preparation for teaching in the elementary grades than that offered at Mary Washington may enroll in a cooperative program for the preparation of elementary teachers leading to the degree of Bachelor of Science in Education at the University of Virginia.

This program provides that the first two years of general academic work be taken at Mary Washington College and the third and fourth year, including both academic and professional work, be taken in the School of Education at the University of Virginia, in Charlottesville.

Students interested in the cooperative program sponsored by the University of Virginia and Mary Washington College should apply for admission to Mary Washington College stating their desire to take elementary education. Upon their enrollment, the School of Education at the University will be notified of the student's choice and the student's adviser at Mary Washington College, in cooperation with the Dean of that College and the Dean of the School of Education, will institute a program to help the student carry out the work successfully.

*Cooperative Program in Speech Pathology and  
Audiology*—ADVISER: MR. ALBERT G. DUKE

There is an increasing demand for teachers and clinical workers with special training in speech, including speech pathology and audiology. To supplement the major program in Dramatic Arts and Speech at Mary Washington College, a cooperative program has been established with the University of Virginia to provide a major program in speech pathology and audiology.

This program provides that the first three years of work be taken at Mary Washington College and that the fourth year be spent in residence at the University of Virginia in Charlottesville. Students who transfer to Mary Washington College are required to spend two years in residence prior to their senior year at the University. Upon completion of the program at the University of Virginia the student receives a Bachelor of Arts degree from Mary Washington College, with a major in speech pathology and audiology.

Students interested in the program should apply to the Director of Admissions, Mary Washington College.

The Bachelor's degree does not signify that the recipient is fully prepared for clinical services to children and adults with language, speech, voice and hearing disorders, nor for professional certification from the American Speech and Hearing Association. The programs for the Master's degree in speech pathology and audiology are designed to satisfy academic requirements of the American Speech and Hearing Association for the Certificate of Clinical Competence in Speech Pathology and Audiology.

A normal course of study for the cooperative program in speech pathology and audiology is as follows:

**Curriculum at Mary Washington College**

<i>First Year</i>	Semester-hours
English Composition and Literature Courses.....	6
Foreign Language .....	6
Mathematics.....	6
Natural Science.....	8
Health Education 100, 101, Health .....	2
Physical Education .....	2
Total .....	30

*Second Year*

	Semester-hours
English: Sophomore Literature Courses .....	6
Foreign Language* .....	6
Speech 231-232, Oral Interpretation .....	6
Psychology 201-202, General Psychology .....	6
History 101-102, American History .....	6
Physical Education .....	2
Total .....	32

\*Students must complete six semester-hours of foreign language beyond the intermediate level.

*Third Year*

Fine Arts* .....	6
Speech 421-422, Voice Science and Phonetics** .....	6
Dramatic Arts and Speech .....	6
Psychology 321, Child Psychology .....	3
Elective (Psychology, Dramatic Arts or Speech) .....	3
Psychology 311, Abnormal Psychology (Mental Hygiene)	3
Social Science (History, Political Science, Economics, or Sociology) .....	6
Total .....	33

**Curriculum at the University of Virginia**

*Fourth Year*

	Semester-hours
Speech Education 108: Experimental Phonetics .....	3
Speech Education 121: Rehabilitation Programs In Speech and Hearing .....	3
Speech Education 131: Principles of Speech Correction .....	3
Speech Education 132: Principles of Speech Pathology .....	3
Speech Education 133: Diagnostic Techniques in Speech Pathology .....	3
Speech Education 140: Articulation Disorders .....	3
Speech Education 151: Introduction to Audiology .....	3
Speech Education 153: Audiometry .....	3
Speech Education 157: Aural Rehabilitation .....	3
Electives .....	3
Total .....	30

Observation and Practice Facilities. As a part of the academic program in speech pathology and audiology, observation and

\*Dramatic Arts 211-212, World Drama, recommended.

\*\*Speech 421-422, Voice Science and Phonetics, is offered only in alternate years. If offered during a student's sophomore year, this course should be taken in place of Oral Interpretation, which should be deferred until the junior year.





supervised practice are required. Opportunities for such are provided by the Speech and Hearing Center and also through established working relationships with such facilities as the Charlottesville City and Albemarle County Public Schools, certain Departments of the University of Virginia Medical Center, the Children's Rehabilitation Center, the Virginia School for the Deaf and the Blind, the Woodrow Wilson Rehabilitation Center for adults, the Veterans Administration Hospital, and the Mobile Clinic of the Virginia Hearing and Speech Foundation, Inc.

### *Internship Program for the Preparation of Teachers*

Through arrangements with the University of Virginia, a qualified Mary Washington College student may enter after graduation the Internship Program for the Preparation of Teachers. Students may prepare to teach in elementary schools, in special programs for exceptional children, or in any one of the following secondary school fields:

Biology	Latin
Chemistry	Mathematics
English	Music
French	Physics
General Science	Social Studies
History	Spanish

At Mary Washington the student takes work to fulfill her major program and degree requirements. She completes all work in general and professional education that is required for Virginia certification except Supervised Teaching. Immediately after graduation from Mary Washington the student enters the Summer Session of the School of Education at the University. She will take course work as further preparation for teaching her subject or grade level. In the fall she will be assigned to a cooperating school where she will have half of a teaching load, for which she will receive half salary. A cooperating teacher will be assigned by the school division to work with and help her. College supervisors will be in close communication with intern teachers, and seminars

will be conducted periodically. During the intern year the student will be permitted to earn three graduate credits a semester, in addition to the six credits for the year she will earn for the intern teaching. After the year of intern teaching, the student may return to the University to complete the remaining work which leads to the award of a masters degree.

Inquiries about the program should be directed to the Department of Education at Mary Washington College. Applications must be submitted to the Department of Education by May 15 of the student's junior year. Notification of acceptance will be made during the summer between the student's junior and senior year.

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## PROGRAM OF STUDIES



*Course  
Offerings*







MARY WASHINGTON  
COLLEGE  
WASHINGTON, D.C.



Nearly 500 courses in 23 disciplines are offered at Mary Washington College each year. Included are course offerings in American Studies; Art/History of Art, Studio Art (Practice of Art); Asian Studies; Astronomy; Biology; Chemistry; Classics/Greek, Latin, Classical Civilization; Dramatic Arts and Speech; Economics and Political Science; Education, and Recreation/Health, Physical Education, Dance, Recreation; History; Home Economics; Liberal Arts Seminar; Mathematics; Modern Foreign Languages/French, German, Italian, Portuguese, Russian, Spanish; Music; Philosophy; Physics; Psychology; Religion; and Sociology.

Courses numbered from 100 to 199, inclusive, are usually regarded as first-year courses; 200 to 299, second-year courses; 300-399, third-year courses; and 400-499, fourth-year courses. All course credits are expressed in semester hours. A course listed as "six credits" is a continuous course for the session of nine months and carries a credit of six semester hours. Courses listed as "three credits each semester" may be taken for a semester only if desired.

Continuous courses, of which the student must complete both semesters to receive any credit, are indicated by hyphens between the numbers, such as Biology 121-122.

Courses for which credit is given for either or both semesters are indicated by commas between the numbers, such as Art 305, 306.

Courses in which the first semester is not prerequisite for the second are indicated by a plus following the number, such as English 371, 372+.

**AMERICAN STUDIES/** *Associate Professor* GLEN R. THOMAS,  
Adviser

The following four seminars are designed specifically for American Studies majors, and must be taken in their junior and senior years. These seminars will be open to students by permission of the instructor.

**American Studies Seminar 301—*Regionalism*.**

An inquiry into the cultural regions of the United States, covering such topics as the European heritage, ethnic and racial elements of the population, environmentalism, the growth of social institutions, the individual art forms, and the philosophy of regionalism. Three credits.

**American Studies Seminar 302—*Darwin and Freud*.**

A study of the impact of evolution and psychoanalytic theory upon American thought, with special attention to literature, religion, sociology, and psychology. To be taken in the junior year. Three credits.

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COURSE  
OFFERINGS

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*American  
Studies*

**American Studies Seminar 401—*The Impact of the American Experience on the Fine Arts in America.***

A Study of selected individuals and their work in the creative arts in the United States. The seminar will investigate whether or not there is a unique "American art" form. Three credits.

**American Studies Seminar 402—*Mass Media and American Culture.***

A study of contemporary American culture through an analysis of mass media: television, popular music, popular theatre, best-sellers, movies, newspapers, advertising and sports. These popular expressions are to be examined as a means of illuminating American character, values, ideals and aspirations. Three credits.

**American Studies 490, 491—*Independent Study.***

Directed individual research on approved problems in American Studies. Three or six credits.

**ART/Professor PAULINE G. KING, Chairman; Professor BINFORD; Visiting Potter, HARA; Associate Professors MUICK, OLIVER; Assistant Professors HERBAN, IMAI, LAMPH; Instructors CELENKO, COHEN.**

The Fine Arts requirement for the B. A. Degree may be satisfied, in this department, by taking Art History 111 plus one course elected from the sequence 213, 214, 215, and 216. Art 111 and the 200 level course may not be taken concurrently.

Two major programs are offered leading to the B.A. Degree: one in the History of Art, the other in Studio Art (Practice of Art).

Courses in art history may be elected by non-majors, but in general they must have fulfilled the equivalent of the Fine Arts requirement for the B.A. degree. Those students entering from High School, Preparatory School, or transferring from another college, who feel they have had the equivalent of Art III, should consult the art history staff as to whether they may substitute another course. In exceptional cases, permission may be obtained from the Departmental Chairman and the Instructor of a given course, whenever the student has achieved sufficient competence to be able to deal with that course, although not necessarily with all advanced courses. In all cases, the completion of an advanced (300 or 400 level) art history course precludes receiving subsequent or concurrent credit for a lower (100 or 200) level course covering the same periods or subject matter areas.

Courses in studio art may be elected by non-majors when they have completed the necessary prerequisites. Art 101-102, or its equivalent, is prerequisite for any 200 level course in studio art.



Specific departmental prerequisites for each course must be adhered to. Advanced standing may be requested by entering majors or by non-major students who wish to elect studio art classes; decision will be made on the basis of previous courses taken, work submitted in portfolio, and conferences with the studio art staff. Photographs or slides of pottery and sculpture will be acceptable, if the student wishes to include work in these fields for consideration.

### **History of Art Major:**

The student is required to take 30 credits beyond the Fine Arts requirement for the B.A. degree (Art 111 plus one course selected from the Sequence 213, 214, 215, and 216). However for art history majors these 200 level courses are prerequisite for advanced courses in corresponding periods or subject matter areas. In summary, 9 credits from the 200 level sequence are to be counted as part of the 30 credits in the major; 18 credits are to be selected from the art history courses on the 300 and 400 level; and 3 credits must be taken in a research oriented course, one of the following: Art 485, Art 490, 491, or Art 492.

Students planning to do graduate work in art history are advised to take a second foreign language among their electives. A reading knowledge of both French and German is required for most graduate work in art history.

In order to assure a well-rounded, liberal arts program, it is recommended that while the student is reviewing courses to fulfill the degree requirements for the remaining 34 hours of credit, in consultation with her adviser, she consider the following groups of suggestions:

Foreign language (French or German)

History courses (including History 111-112, if not already taken or unless the student has had World History in High School)

Studio art courses

Selections from the following, listed alphabetically: archaeology, Introduction to Anthropology, dramatic arts (211-212; 361-362), Liberal Arts Seminar, advanced courses in literature, music (history and literature), mythology, philosophy, and religion.

### **Studio Art Major:**

The student is required to take 24 credits in studio art more advanced than Art 100-102, and 12 credits in art history. Art 101-102, or its equivalent is prerequisite for any 200 level course in studio art. Art History 111 plus one of the 200 level art

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## **COURSE OFFERINGS**

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*Art*

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## COURSE OFFERINGS

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### *Art*

history courses may be taken as part of the 12 credits required in the studio major; if so, the Fine Arts requirement for the B.A. degree may be satisfied by taking Music 111, 112, or Dramatic Arts 211-212. If a student has completed the college requirements for graduation and fulfilled the requirements for the major, she may elect additional studio art courses.

A summary of the required sequence of courses is as follows: 8-12 credits are to be selected from courses numbered on the 200 level; at least 12 credits are to be selected from courses numbered on the 300-400 levels.

Students expecting to teach art should see their adviser toward the end of the sophomore year, to be sure that state certification requirements may be met by scheduling the necessary departmental courses. In addition, Art Ed. 342 (listed under the Education Department), is required in the junior or senior year for the prospective art teacher; it must be taken before the student does student teaching.

French, German, and Italian are the languages most useful for the studio art major, insofar as European travel or the ability to read the historical literature of the field are concerned.

### *Studio Art Courses*

#### **Art 101—Two-dimensional Design.**

Experiments in the inventive use of materials, tools, and elements of design (e.g. line, shape, texture, value, color, etc.) as related to a two-dimensional surface. The use of figurative and non-figurative imagery in basic non-verbal communication. Given each semester. Two double periods per week. Two credits.

#### **Art 102—Three-dimensional Design.**

A development of three-dimensional structures, emphasizing the construction of visual order in space. Exercises and experiences will be provided showing the relationships between two-dimensional and three-dimensional design, through the use of such elements of design as texture, plane relationships, line and color, unity and variety of masses, etc. Both figurative and non-figurative subject-matter will be utilized. Two double periods per week. Two credits.

#### **Art 201, 202+—Drawing.**

Prerequisite: Art 101-102 or its equivalent. Structural drawing of various forms with special emphasis on symmetrical and asymmetrical order, static and dynamic forces, space and time concept, harmonious and contrary unity. Three double periods per week. Two credits each semester.

**Art 211, 212+—*Life Drawing.***

Prerequisite: Art 101-102 or its equivalent. A variety of approaches to the drawing of organic forms in figurative and non-figurative systems. Study of the human body from the live model in a progression from objective interpretation to subjective expression. Six hours per week. Two credits each semester.

**Art 231, 232+—*Beginning Sculpture.***

Experience in principles of form and design. The study and construction of volume and mass through the use of plastic and carving media. Three double periods per week. Two credits each semester.

**Art 241, 242—*Drawing and Composition.***

Prerequisite: Art 101-102, or its equivalent. Picture-making in various mediums; life drawing. Three double periods per week. Two credits each semester.

**Art 251, 252+—*Pottery and Hand-Building.***

A concentrated study of the basic steps and forms of the pottery wheel; exploration of form and texture through various hand-building processes. Three double periods per week. Two credits each semester.

**Art 321- 322—*Printmaking.***

Prerequisite: Art 101-102, and one year of drawing or its equivalent. An introduction to concepts, materials and methods used in printmaking: etching, engraving, aquatint and other intaglio techniques; collagraphy; lithography; relief processes; and serigraphy. Six hour per week. Two credits per semester.

**Art 341- 342+—*Intermediate Sculpture.***

Prerequisite: Art 231, 232, or its equivalent. Representational and non-representational projects in a variety of media. Three double periods per week. Two credits each semester.

**Art 351- 352—*Oil Painting.***

Prerequisite: Art 241, 242, or its equivalent. Still-life and figure painting in oils. Three double periods per week. Two credits each semester.

**Art 381- 382—*Pottery and Hand-Building.***

Prerequisite: Art 251-252, or its equivalent. A more advanced study of wheel thrown forms; further exploration of hand-building processes; ceramic sculpture, and glaze experiments and firing. Three double periods per week. Two credits each semester.

**Art 401, 402+—*Figure Painting.***

Prerequisite: Art 351, 352, or its equivalent. Figure and portrait painting; landscape in the spring. Three double periods per week. Two credits each semester.



**Art 411, 412+— *Advanced Sculpture.***

Prerequisite: Art 341, 342. The development of ideas and sketches to be executed in permanent materials. Three double periods per week. Two credits each semester.

**Art 475, 476, 477, 478+— *Special Studies in Studio Art.***

A course designed to offer opportunity to the student who wishes to continue work, independently, in a field of her choice, but under the supervision of a member of the studio faculty. Three double periods per week. Two credits each semester.

See also, Art Ed. 342 (listed under the Education Department). Seminar in Art Education.

See also, Ed. 440—Supervised Teaching.

*History of Art Courses*

**Art 111— *Introduction to the History of Art.***

Emphasis on certain monuments of Western art, concentrating on architecture, sculpture, and painting. Monuments to be considered in terms of the technical principles involved, their relationships to other works more freely selected by the instructor, and the probable aesthetic and cultural factors relevant to their creation. Three hours per week. Three credits.

**Art 213— *Ancient Art.***

An introduction to the outstanding contributions made by the Near East, Greece and Rome to the formation of Western art. Three hours per week. Three credits.

**Art 214— *Medieval Art.***

An assessment of the dominant contributions of Medieval Europe to Western art. Three hours per week. Three credits.

**Art 215— *Renaissance and Baroque Art.***

An introduction to the art of the Renaissance and the Baroque with an emphasis on humanist trends. Three hours per week. Three credits.

**Art 216— *Nineteenth and Twentieth Century Art.***

A study of the stylistic and technical developments necessary to an understanding of modern art. Three hours per week. Three credits.

**Art 310— *Art of the Near East.***

Egypt, the Near East, and the Aegean world with emphasis on cultural exchange during the Bronze Age. Three hours per week. Three credits.

**Art 311— *Classical Art.***

The development of Hellenic art and subsequent developments through Etruscan and Roman art. Three hours per week. Three credits.

**Art 312—*Early Medieval Art (circa 250-1050).***

Concentration on the study and development of early Christian, Byzantine, and Pre-Romanesque art. Introductory discussions on their emergence from the arts and civilization of late antiquity. Three periods per week. Three credits.

**Art 313—*Later Medieval Art (circa 1050-1400).***

At the beginning, a survey of the arts of the late eleventh century; course concentration on the emergence and development of Romanesque and Gothic art, ending with the court styles of the fourteenth century and the transition to the renaissance. Three periods per week. Three credits.

**Art 315—*Seventeenth Century Art.***

Emphasis on the Carracci and Caravaggio; Bernini and Borromini; Rubens, Rembrandt, and the Dutch landscapists; Poussin and Claude; palace and garden design; Velasquez; the Baroque ceiling. Concurrent emphasis on "the Baroque" as it evolves from "Mannerism," changes in subject matter and technique. Three hours per week. Three credits.

**Art 316—*Eighteenth Century Art.***

Emphasis on French Rococo, its derivations and influences on Continental and British art; the evolution of its forms into the Neo-Classic; the tendencies leading toward romanticism and industrialization. Consideration of the decorative arts as evidence of stylistic change wherever relevant. Three periods per week. Three credits.

**Art 317—*Northern Art.***

Painting and graphics of the Lowlands, France and Germany from the late medieval period through the early sixteenth century. Three periods per week. Three credits.

**Art 318—*Italian Renaissance Art.***

Art of the Italian Renaissance and its origins in the social and intellectual climate, with emphasis on painting. Three periods per week. Three credits.

**Art 319—*Italian Renaissance Architecture and Sculpture.***

A treatment of the historic, aesthetic, and theoretical bases for these arts, in the 15th and 16th centuries. Landscape design and city planning as settings will be dealt with where relevant. Three periods per week. Three credits.

**Art 335—*The Art of Primitive Peoples.***

An introduction to the arts of the three major art-producing areas of the primitive world: Negro Africa, Oceania, and North America, but with the emphasis upon Africa. While examples of architecture and painting are discussed, sculpture is stressed. Three periods per week. Three credits.

**Art 391—*Georgian Art.***

A study of British art and aesthetics, largely of the eighteenth century,

stressing not only portraiture and Palladianism, but the rise of exoticism and nostalgia which show Britain to be the cradle of Romanticism. Three periods per week. Three credits.

**Art 451—*Nineteenth Century Art.***

Emphasis on French painting and sculpture with some aspects of these arts in other European countries included. The course covers the movements of Classicism, Romanticism, Realism, Impressionism and Post-Impressionism. Three periods per week. Three credits.

**Art 452—*Twentieth Century Art.***

A survey of the painting and sculpture of Europe and the United States. Three hours per week. Three credits.

**Art 453—*Modern Architecture.***

A study of the outstanding changes in form, style, and technology, with reference to their historical sources and to the individuals who have made lasting contributions. Three credits.

**Art 481—*American Art.***

A survey of American art from its beginnings to the present. Three credits.

**Art 485—*Research in the History of Art.***

Intensive reading, study and discussion emphasizing specific artists, movements or aspects of art. To be conducted as a seminar. Three periods per week. Three credits. Staff. Enrollment by permission of the instructors, but required of all art history majors.

**Art 490, 491—*Independent Study.***

Individual study under the direction of a member of the art history staff. Three credits each semester. (By permission of the department, on the basis of a presentation by the student of her problem, and a description of her method of approach, accompanied by an indication of the part to be played by the art history staff member.)

**Art 492—*Special Studies in Art History.***

Open to all art history majors and otherwise qualified students of junior and senior status who desire a special course in an area of art history previously selected by the department after consultation with the students. The emphasis will be on specific problems or limited periods in art history. Three hours per week. Three credits.

**ASIAN STUDIES/Professor KURT F. LEIDECKER, Adviser.**

The Asian Studies core course has four components of which the first one is prerequisite to the rest. Majors are required to take the full sequence; all other students may take as many as they wish.



**Asian Studies I—*Languages and Modes of Thought in the Orient***

The major languages of the region are presented—wherever possible by specialists—with emphasis on their written, phonetic, linguistic and semantic features in order to obtain an insight into the thinking and behavioral patterns of the people speaking these languages. Three credits.

**Asian Studies II—*The Religions of the Orient from Animism to Metalogical Systems.***

Man's quest in the Orient for support, comfort and meaning to his existence by searching for and evolving religious concepts is traced in the context of greatly diversified cultures and civilizations as well as natural environments. Three credits.

**Asian Studies III—*The Peoplehood of Orientals***

Various tribes, ethnic groups and nationalities in the region are studied as to their customary and ethical behavior, their awareness of individual and social values, their outlook on life and interpeople relations. Three credits.

**Asian Studies IV—*Values and Ideologies in the Cultures of the Orient.***

A determination of the origin, growth, and realization of the ideals of Eastern peoples and their phenomenological expressions in literature as well as the static and performing arts. Three credits.

The following courses offered by different Departments are within the scope of Asian Studies.

**History of Art 310—*Near Eastern Art Through the Bronze Age.*** Three credits.

**Dramatic Arts 371—*Oriental Theatre.*** Three credits

**Political Science 354—*Politics of South Asia.*** Three credits.

**Political Science 355—*Politics of North Africa and the Middle East.*** Three credits.

**Geography 331—*Geography of Asia.*** Three credits.

**Geography 462—*Political Geography (Geopolitics).*** Three credits.

**Dance 332—*Ethnic Dance of Eastern Cultures.*** Two credits.

**History 371, 372—*East Asian Civilization.*** Three credits each semester.

**History 375—*History of Modern China and Japan.*** Three credits.

**History 367—*Modern Southeast Asia.*** Three credits.

**Japanese 181-2—*Beginning Japanese.*** Six credits.

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**COURSE  
OFFERINGS**

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*Asian  
Studies*

**Japanese 183-4**—*Intermediate Japanese*. Six credits.

**Philosophy 311**—*Philosophies of India*. Three credits.

**Philosophy 312**—*Philosophies of China and Japan*. Three credits.

**Philosophy 313**—*The Philosophy of Buddhism*. Three credits.

**Philosophy 352**—*Philosophy East and West*. Three credits.

**ASTRONOMY/Instructor DRUZBICK**

**Astronomy 361,362**—*Elementary Astronomy*.

An historical and descriptive survey of the physical universe. Three periods a week. Three credits each semester. Astronomy 361 is prerequisite to Astronomy 362. Mr. Druzbeck.

**BIOLOGY/Professor WILLIAM C. PINSCHMIDT, JR., Chairman; Professors BLACK, HOYE; Associate Professors R. M. JOHNSON, T. L. JOHNSON, PARRISH; Assistant Professors FRIEDMAN, M. W. PINSCHMIDT; Instructors BASS, WILFONG.**

Biology 121-122—Biological Concepts, is prerequisite to all advanced courses in biology except by special permission. Students who plan to major in Biology should complete Chemistry 111-112, General Chemistry, and Mathematics 111-112, Mathematical Analysis, by the end of the sophomore year. Physics 101-102, General Physics, is also recommended. The major program must include twenty-four hours or more of courses more advanced than Biology 121-122. The program should include courses from as many as possible of the following areas: Botany, Ecology or Marine Biology, Embryology, Genetics, Chordate Anatomy or Histology, Invertebrate Zoology or Parasitology, and Physiology or Biochemistry. At least one semester of Biology 450, Seminar, is required during the junior or senior year. A student who intends to major in biology should arrange a four-year program in consultation with a member of the biology faculty.

**Biology 121-122**—*Biological Concepts*.

General biological principles as they apply to plants and animals. One three-hour and three single periods a week. Eight credits.

**Biology 211**—*Plant Ecology*.

A study of basic ecological principles as applied to plants including major biomes, plant succession, competition and micro-macro-environments. Two single and two double periods a week for the first semester. Four credits.

**Biology 212**—*Plant Physiology*.

Prerequisite: Chemistry 111-112, General Chemistry. Experimental and theoretical treatment of the functional aspects of plants. Two single and two double periods a week for the second semester. Four credits.

**Biology 221—*Chordate Anatomy.***

A comparative study of the major systems of representative chordates. Two single and two double periods a week for the first semester. Four credits.

**Biology 231—*Botany.***

A survey of the plant kingdom with emphasis on morphogenetic description, life histories and evolutionary relationships. Two single and two double periods a week for the first semester. Four credits.

**Biology 241—*Invertebrate Zoology.***

A survey of the invertebrate phyla with emphasis on structural characteristics, life cycles, and evolutionary relationships. Two single and two double periods a week for the first semester. Four credits.

**Biology 322—*Animal Ecology.***

Prerequisite: Chemistry 111-112, General Chemistry. The relationships between animals and their environments. Field trips and laboratory studies include observations of marine, fresh-water, and terrestrial animals in their natural habitats. Two single periods and six hours of laboratory or field work a week for the second semester. Four credits.

**Biology 331—*Vertebrate Histology.***

The preparation and study of animal tissues. Two single and two double periods a week for the first semester. Four credits.

**Biology 332—*Chordate Embryology.***

The development of representative chordates. Two single and two double periods a week for the second semester. Four credits.

**Biology 337—*Human Anatomy.***

Gross structure of the human body. Two single and two double periods a week for the first semester. Four credits.

**Biology 338—*Human Physiology.***

Prerequisite: Chemistry 111-112, General Chemistry. Functional aspects of the human organism. Two single and two double periods a week for the second semester. Four credits.

**Biology 341—*Evolution and Genetics.***

A course designed for non-majors. History of evolutionary thought and genetic principles. Three single periods a week for the first semester. Three credits.

**Biology 360—*Cellular Physiology.***

Prerequisite or corequisite: one advanced course in Chemistry. Principles of general and cellular physiology. Two single and two double periods a week for the second semester. Four credits.

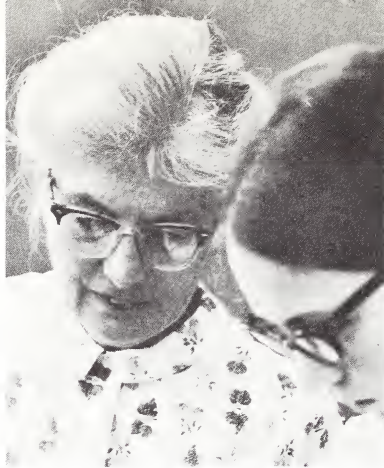
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COURSE  
OFFERINGS

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*Biology*





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## COURSE OFFERINGS

### *Biology*

#### **Biology 371— Microbiology.**

Prerequisite: Chemistry 111-112, General Chemistry. A survey of micro-organisms with emphasis on the bacteria, designed to introduce the student to the morphology, physiology, and clinical aspects of the field. Two single and two double periods a week for either semester. Four credits.

#### **Biology 372— Parasitology.**

The structure, life cycles, and host relationships of invertebrate parasitic forms. Two single and two double periods a week for the second semester. Four credits.

#### **Biology 382— Human Anatomy and Physiology.**

Prerequisite: Chemistry 111-112, General Chemistry. A course designed for students in the cooperative programs in nursing and medical technology. Structure and function of the human organism. Three single and two double periods a week for either semester. Five credits.

#### **Biology- Psychology 392— Behavior Genetics.**

Prerequisite: One year of biology and one year of psychology. The relationship between heredity and behavior of organisms including man; an examination of the relations between mechanisms of genetic transmission and gene action, population structure and evolution, and individual behavior differences. Three single periods a week for the second semester. Three credits.

#### **Biology 441— Genetics.**

Mendelian inheritance and modern concepts of gene structure and function. Two single and two double periods a week for the second semester. Four credits.

#### **Biology 450— Seminar.**

Selected readings, reports, and group discussions on topics of historical and current biological interest. Open to majors each semester of the junior and senior years. At least one semester is required during the junior and/or senior year. One credit.

#### **Biology 475— Readings in the Biological Sciences.**

Independent readings in current or classical biological literature in a field selected by the student. The student is guided by and responsible to a member

of the staff. Open, each semester, to junior and senior majors with permission of the staff. Two credits.

**Biology 476— *Special Problems in Biology.***

Prerequisite: Biology 475. A program of independent laboratory or field investigation for which the student has reviewed the literature and organized her approach in the prerequisite course. The student is guided by and responsible to a member of the staff. Open, second semester, to junior and senior majors with permission of the staff. Three credits.

**Biology 490, 491— *Research.***

Four credits each semester. (See statement on honors).

**Honors in Biology**

1. To be eligible, a student must have a 3.25 grade point average in biology and a 3.0 over-all average for five semesters. Such a qualified student, in order to become an applicant, must have the approval of the Department of Biology by the end of the first semester of her junior year.
2. Biology 475, Readings in Biology, or its equivalent (taken in the second semester of the junior year) will be a prerequisite for Honors work.
3. The approved student must register for Biology 490, 491, Research. A grade of C or less will be given in this course if the Honors Committee decides that the work is not worthy of honors.
4. The chairman of the department will select an Honors Committee composed of three staff members one of which will be the student's advisor for the honors project. The advisor will guide the student in her study and determine the most suitable combination of laboratory work and reading for optimum progress toward the student's goal. This advisor will also direct the writing of a thesis and supervise the oral examination.

**CHEMISTRY/** *Professor* LAWRENCE A. WISHNER, Chairman; *Professors* COVER, INSLEY; *Associate Professor* MAHONEY; *Assistant Professors* CRISSMAN, GEORGE; *Assistant Instructor* SOTZING.

A student who intends to major in chemistry should arrange a four-year program in consultation with a member of the chemistry faculty. Chemistry 211, 212, 393, 394, 451 and 452 are required for a major program in chemistry. Chemistry 111-112 is prerequisite to all other chemistry courses. Mathematics 111-112 is recommended for the freshman year. Mathematics 211-212 and Physics 151-152 should be taken before the junior year. French, German, or Russian are recommended to fulfill the foreign language requirement.

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COURSE  
OFFERINGS  
*Chemistry*

An honors program consisting of independent research leading to the preparation of a thesis is offered to qualified students for eight credits during the senior year.

**Chemistry 111-112— *General Chemistry.***

A course designed to introduce the student to the fundamental principles of chemistry and the more important elements and their compounds. One three-hour and three single periods a week. Eight credits.

**Chemistry 211, 212— *Organic Chemistry.***

A study of the chemistry of carbon compounds on the basis of structural theory. One three-hour and three single periods a week. Four credits each semester.

**Chemistry 251, 252— *Analytical Chemistry.***

Prerequisite or corequisite: Mathematics 111-112. The first semester consists of an elaboration of the principles of chemistry with particular emphasis on chemical equilibrium. In the accompanying qualitative analysis laboratory, semi-micro techniques are employed. The second semester consists of the theory and techniques of volumetric, gravimetric, and introductory instrumental analysis. Two single and two three-hour periods a week. Four credits each semester.

**Chemistry 317, 318— *Biochemistry.***

Prerequisite: Chemistry 212. The application of chemical principles to the study of living cells and organisms. The laboratory deals with selected research techniques. Three lectures and three laboratory hours a week. Four credits each semester.

**Chemistry 333— *Advanced Analytical Chemistry I.***

Prerequisites: Chemistry 251, 252. A study of advanced volumetric and gravimetric analytical techniques with emphasis on electrochemical and optical methods of analysis. One single and two three-hour periods a week. First semester. Four credits.

**Chemistry 343, 344— *Advanced Inorganic Chemistry.***

The study of modern theories of atomic structure and chemical bonding and their application to molecular structure, coordination chemistry, and metallic structure. Three single periods a week. Three credits each semester.

**Chemistry 393, 394— *Physical Chemistry.***

Prerequisites: Mathematics 211-212, Physics 151-152, Chemistry 251-252. A study of the thermodynamic, kinetic statistical, and quantum mechanical properties of chemical systems. The laboratory portion of the course will deal with physiochemical determinations and the statistical treatment of experimental results. Three single and two three-hour periods a week. Five credits each semester.



**Chemistry 411—*Advanced Organic Chemistry.***

Prerequisite: Chemistry 212. The study of organic reaction mechanisms and the relation of molecular structure to physical and chemical properties. Three single periods a week. First semester. Three credits.

**Chemistry 414—*Identification of Organic Compounds.***

Prerequisite: Chemistry 212. A study of the use of chemical and spectroscopic methods in the qualitative analysis of organic compounds. One single and two three-hour periods a week. Second semester. Three credits.

**Chemistry 434—*Advanced Analytical Chemistry II.***

Prerequisite or corequisite: Chemistry 394. A study of the theory and application of modern analytical methods as applied to the solution of structural and mechanistic problems. Topics include spectrochemical and electrochemical analysis, mass spectrometry, chemical separations, and computer data processing. One four-hour and three single periods a week. Second semester. Four credits.

**Chemistry 451, 452+—*Seminar.***

Student preparation of reports on selected topics in chemistry for oral presentation and discussion. One hour a week. Required of all chemistry majors in senior year. Others admitted by permission of the chemistry department. One credit each semester.

**Chemistry 455, 456—*Special Problems in Chemistry.***

A program of independent investigation under the direction of a member of the staff. Open to qualified students with the permission of the department. From one to four credits per semester depending upon the quantity of work planned.

**Chemistry 493—*Advanced Physical Chemistry.***

Prerequisite: Chemistry 394. An advanced treatment of selected topics in thermodynamics, kinetics, photochemistry, and quantum chemistry. Three single periods a week. First semester. Three credits.

**CLASSICS/Professor LAURA V. SUMNER, Chariman; Assistant Professors JONES, SHERWOOD.**

The Department of Classics offers a major program in Latin. The interdepartmental major in Classical Civilization is also closely allied to the work in the department.

Students who select a major program in Latin must take thirty-six credits in Latin and related subjects. All students are required to take Latin 351, Advanced Latin Grammar. A student who plans to attend graduate school is expected to take Greek and should plan for it early enough in her program to allow at least two years to be taken. The thirty-six hours are to be distributed in the following manner:

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**COURSE  
OFFERINGS**  
*Classics*

For students who enter college with three or four units of high school Latin:

1. Twenty-five credits in Latin selected from the 300 and 400 levels, including Latin 351.
2. In related fields, twelve credits to be selected in consultation with her major adviser.

For students who enter college with one or two units of high school Latin:

1. Twenty-five credits in Latin, not including Latin 113-114, with at least eighteen credits selected from the 300 and 400 levels, including Latin 351.
2. In related fields, twelve credits to be selected in consultation with her major adviser.

For students who start Latin in college:

1. Twenty-five credits, not including Latin 111-112, with at least twelve credits in Latin selected from the 300 and 400 level, including Latin 351.
2. In related fields, twelve credits to be selected in consultation with her major adviser.

### **Greek**

#### **Greek 131-132— *Elementary Greek.***

Grammar; composition; Nairn and Nairn *Greek through Reading*. Three periods a week. Six credits.

#### **Greek 133-134— *Intermediate Greek.***

Prerequisite: Greek 131-132 or two years of high school credit. Composition in North and Hillard *Greek Prose Composition*; reading of Thucydides, *Athenian Disaster in Sicily*; Plato, *Apology*; Homer, *Odyssey* Book 9. Three periods a week. Six credits.

The following courses are offered whenever there is sufficient demand.

#### **Greek 231-232—**

Prerequisite: Greek 133-134. Herodotus, *Histories* Book 6 (selections); Homer, *Iliad* Book 1; Thucydides, Book 2 (selections); composition. Three periods a week. Six credits.

#### **Greek 331-332—**

Prerequisite: Greek 231-232. Aeschylus, *Agamemnon*; Aristotle, *Ethics* (selections); Demosthenes, *First Phillipic* (selections). Three periods a week. Six credits.

#### **Greek 431-432—**

Prerequisite: Greek 231-232. Plato, *Republic* Books 1-2, 6-7. Three periods a week. Six credits.

## Latin

### **Latin 111-112— *Elementary Latin.***

For students who enter college with no training in Latin or with fewer than two units in high school Latin. The essentials of Latin grammar and composition; translations from Caesar and other writers. Three periods a week. Six credits.

### **Latin 113-114— *Intermediate Latin.***

Prerequisite: Latin 111-112 or two units of high school Latin. Readings from Cicero (orations, letters, essays), Pliny, and later writers; Virgil's *Aeneid* (Books I-VI); forms and syntax. Three periods a week. Six credits.

### **Latin 211-212— *Survey of Latin Literature.***

Prerequisite: Latin 113-114 or four units of high school Latin. Students who have three units of high school Latin should consult the chairman of the department before registering for any Latin course. A survey of the great periods of Latin literature with readings from the representative works in drama, poetry, history, and letters. Three periods a week. Three credits each semester.

### **Latin 213, 214— *Medieval Latin.***

Prerequisite: Latin 113-114 or comparable high school preparation. May be elected as 300 level course with approval of professor and chairman of department. Three periods a week. Three or six credits. (Not offered in 1970-71).

### **Latin 311— *Roman Drama.***

Prerequisite: Latin 211-212. A study of the Roman theatre, Plautus, Terence, and Seneca. Three periods a week. First semester. Three credits. (Not offered in 1970-71).

### **Latin 312— *Roman Satire.***

Prerequisite: Latin 211-212. The development of satire in Latin literature. Lucilius, Horace, Phaedrus, Seneca, Petronius, Persius, Martial, Juvenal. Three periods a week. Second semester. Three credits.

### **Latin 315— *Roman Historians.***

Prerequisite: Latin 211-212. Roman historical writing. Sallust, Caesar, Livy, Tacitus. Three periods a week. First semester. Three credits.

### **Latin 316— *Epic Poetry.***

Prerequisite: Latin 211-212. Three developments of the epic in Latin. Lucretius, Vergil, Lucan. Three periods a week. Second semester. Three credits. (Not offered in 1970-71).

### **Latin 351, 352—**

Advanced Latin Grammar and Prose Composition. May be elected for one credit each semester. Recommended for all majors who plan to teach.



**Latin 411—*The Ciceronian Age.***

Prerequisite: Latin 211-212. Roman life and letters in the last years of the Roman Republic. Cicero, Caesar, Catullus, Lucretius, Livy. Three periods a week. First semester. Three credits.

**Latin 412—*The Silver Age of Latin Literature.***

Prerequisite: Latin 211-212. A study of the writers of the first and second centuries A.D. Special attention is given to Pliny the Younger, Quintilian, Statius, and Apuleius. Three periods a week. Second Semester. Three credits. (Not offered in 1970-71).

**Latin 451, 452—*Special studies in Latin Literature.***

This course will offer an opportunity for reading and study of an independent nature. The subject matter will be worked out in advance by the faculty member in charge for a given semester in consultation with the students. Open only to junior and senior major students (or to other qualified advanced students) who have completed Latin 211-212 and at least one course at a 300 or 400 level. Three credits each semester. May be elected for as many as six succeeding semesters.

**Latin 491, 492—*Independent Study.***

A junior or senior major, in consultation with and with permission of her adviser and the Chairman of the Department may elect up to six hours of Independent Study.

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**COURSE  
OFFERINGS**  
*Classics*

**Classical Civilization**

**Classics 201—*Greek Literature in Translation.***

No prerequisite. Reading in English translation from the major Greek writers from Homer through the Greek writers of the Roman period. This course cannot be used to fulfill the language requirement. Three periods a week. Three credits.

**Classics 202—*Latin Literature in Translation.***

No prerequisite. Readings in English translation from the major Latin writers. This course cannot be used to fulfill the language requirements. Three periods a week. Three credits.

**Classics 301—*Mythology.***

No prerequisite. A study of the principal myths in classical writers with emphasis on their influence on literature and art in contemporary and later periods. This course cannot be used to fulfill the language requirement. Three hours a week. Three credits.

**Classics 331—*Greek Civilization.***

(May be elected as History 231.) See History Department listing. Three periods a week. Three credits.

**Classics 332—*Roman Civilization.***

(May be elected as History 232.) See History Department listing. Three periods a week. Three credits.

**Classics 385—*Greek Art and Archaeology.***

No prerequisite. A survey of archaeology in Greece and a general study of archaeological methods. A study of Aegean and Greek sculpture, painting, architectural, and minor arts from the prehistoric periods through the Hellenistic age. Three periods a week. Three credits.

**Classics 386—*Roman Art and Archaeology.***

No prerequisite. A survey of Roman archaeology and a general study of archaeological methods. A study of Italic, Etruscan, and Roman sculpture, painting, architecture, and minor arts from earliest times through the late Roman empire. Three periods a week. Three credits.

**Classics 401, 402—*Special Studies in Classical Archaeology.***

Prerequisites: Classics (Art) 385 and 386; some knowledge of Latin and/or Greek. Work of the first semester will concentrate on modern archaeological techniques; preservation and restoration of finds; introduction to Greek and Roman epigraphy. Second semester work will concentrate on Greek and Roman numismatics; special studies in Greek and Roman pottery; the problems of artifacts and minor arts. Permission of the instructor required. Two periods a week. Two credits each semester. (Not offered in 1970-71).

**DRAMATIC ARTS AND SPEECH/** *Professor ALBERT R. KLEIN, Chairman; Professor DUKE; Assistant Professor TURGEON. Instructor WRIGHT.*

The major program in dramatic arts and speech requires thirty-six credit hours selected from courses in this department, but as many as twelve hours may be selected in related fields. Related fields should be selected from the areas of language, literature, history, science, art, music, psychology, or philosophy in consultation with the student's adviser.

A major program in speech pathology and audiology is offered in cooperation with the University of Virginia. (See page 93.)

**Dramatic Arts 211, 212—*World Drama.***

A study of selected plays and theatrical developments in ancient and modern civilizations. Theatre excursions may be arranged. Three periods a week. Three credits each semester.

**Dramatic Arts 311, 312—*Stagecraft.***

Construction and design of play production, including theatre design, staging, lighting, and sound effects, with practical application in College Theatre. One single and two double periods a week. Three credits each semester.

**Dramatic Arts 321, 322—*Acting.***

General principles of acting; elementary work in voice and pantomime;

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**COURSE  
OFFERINGS**  
*Dramatic Arts  
and  
Speech*

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**COURSE  
OFFERINGS**  
*Dramatic Arts  
and  
Speech*

development and characterization; advanced problems in rehearsal and public performance. Two one-and-one half periods a week. Three credits each semester.

**Dramatic Arts 331, 332—*Playwriting.***

The writing of long and short plays or television scripts. Consideration of character development, plot structure, dialogue, and critical analysis. Three periods a week. Three credits each semester. (Offered in alternate years; offered in 1970-71).

**Dramatic Arts 341—*History of the Costume.***

History and design of stage costuming. Three periods a week for the first semester. Three credits. (Offered in alternate years; offered in 1970-71.)

**Dramatic Arts 361, 362—*History of the Theatre.***

A study of theatre history from the classical Greek to the present, including the place of the theatre in the social, cultural, and philosophical framework of the period. Theatre design, conventions, the actor and audience related to the literature of the theatre. Three periods a week. Three credits each semester.

**Dramatic Arts 371—*Oriental Theatre.***

A study of the dramatic literature, theatre and dance of the Orient. Analysis of the plays in the Classic Chinese, Indian, and Japanese theatres, within their artistic and historical settings. Analysis of the conventions and styles of the theatre and dance of the East. Three periods each week for the first semester. Three credits. (Offered in alternate years; not offered in 1970-71).

**Dramatic Arts 381—*Art of Film.***

A survey of the major films from those of George Molies to the contemporary cinema. Films are shown and discussed in class, readings in film theory and critical analysis are assigned. Three credits.

**Dramatic Arts 382—*Film Production.***

The art of film is explored by active participation in it. Each student is expected to contribute to the creation of a film as a screenwriter, director, cinematographer, or editor. Three credits.

**Dramatic Arts 431, 432—*Directing.***

History, technique, and practice of directing the long and short play. Problems of high school, college, and community theatre. Three periods a week. Three credits each semester.

**Dramatic Arts 441—*Dramatic Criticism.***

Analysis of dramatic criticism from Aristotle to the present. Application to representative plays. Three periods a week for the first semester. Three credits. (Offered in alternate years; not offered in 1970-71.)

**Dramatic Arts 443—*Children's Theatre.***

Staging and production of plays for children. Dramatization of original and adapted literature. Creative dramatics. Three periods a week. Three credits. (Offered in alternate years; not offered in 1970-71.)



**Dramatic Arts 451, 452—*Special Studies in Speech and Dramatic Arts.***

Open to all Dramatic Arts and Speech majors and otherwise qualified students of junior and senior status who desire special studies in the area of speech or dramatic arts. The emphasis will be upon either intensive reading in the field of speech or drama or creative application of advanced dramatic arts or speech theories. By permission of the department.

**Dramatic Arts 461—*Seminar in Dramatic Arts***

Selected readings, oral presentation, and discussion. Two one-and-one half periods a week. Three credits.

**Dramatic Arts 491, 492—*Independent Study.***

Individual study under the direction of a member of the staff. Three to six credits. By permission of the Department.

**Speech 231, 232—*Oral Interpretation.***

A study of the fundamentals of voice production and clarity of diction as an aid to effective communication. Interpretation of prose, poetry, and dramatic literature in terms of its intellectual, emotional, and aesthetic content. Three periods a week. Three credits each semester.

**Speech 251, 252 —*Speech Fundamentals Laboratory.***

A functional course in reading and speaking, affording practice in basic speech skills. Emphasis is placed on individual speech problems and on the improvement of vocal delivery. Not credited toward a major in Dramatic Arts and Speech. No credit if Speech 231, 232 is taken for credit. One period a week. One credit each semester.

**Speech 301—*Group Discussion.***

A study of the philosophy and practice of group discussion as a means of problem-solving and the exercise of group leadership. Three periods a week. Three credits each semester. (Offered in alternate years; not offered in 1970-71.)

**Speech 302—*Public Speaking.***

A study of the art of public speaking, the organization and delivery of speeches of various types, and an examination of the history and theories of rhetoric. Three periods a week. Three credits each semester. (Offered in alternate years; not offered in 1970-71.)

**Speech 421—*Voice Science.***

A study of the anatomical, physiological, and neurological functioning of the speech and hearing mechanisms and speech problems resulting from the impairment of these systems. Three periods a week. Three credits each semester. (Offered in alternate years; offered in 1970-71.)

**Speech 422—*Phonetics.***

A study of American dialects and standards of speech employing the International Phonetic Alphabet. Three periods a week. Three credits each semester. (Offered in alternate years; offered in 1970-71.)

See also Cooperative Program in Speech Pathology and Audiology, page 93.

**ECONOMICS AND POLITICAL SCIENCE/** *Professor* LEWIS P. FICKETT, JR., Chairman; *Professor* HEWETSON, R. E. SUMNER; *Associate Professor* MILLER; *Assistant Professor* FINGERHUT, *Instructors* ALBERTINE, WHISLER; *Visiting Lecturers* ALTENSETTER, KRICKUS, WILLIAMS.

**Economics**

A major program in Economics requires the completion of thirty-six credit hours. At least twenty-four of these hours must be in Economics courses other than Economics 201-202, Principles of Economics. (It will be noted that Economics 201-202 is a prerequisite for most of the Economics courses.) Of the twenty-four hours, Economics 321, Money and Banking, Economics 371, Microeconomics, and either Economics 322, a continuation of Money and Banking, or Economics 372, Macroeconomics, are required. The remaining twelve hours may be selected from additional courses in Economics or other social sciences as approved.

**Economics 201, 202—Principles of Economics.**

A study of facts and fundamental principles relating to the production, exchange, distribution, and consumption of goods and services for the satisfaction of human wants, including some consideration of basic economic institutions and systems. Three periods a week. Six credits.

**Economics 211, 212—Industrial Organizations.**

The application of micro-economic analysis to the problems of business organizations. Three periods a week. Three credits each semester.

**Economics 221, 222—Introductory Accounting.**

A study of the fundamental accounting principles and practices involved in the recording and interpretation of accounting data. Three periods a week. Three credits each semester.

**Economics 321, 322—Money and Banking.**

Prerequisite: Economics 201-202. Theory of money and credit, banking organization and practices, foreign exchange, international movement of capital, and the financial aspects of business cycles. Three periods a week. Three credits each semester.

**Economics 341, 342—Government Finance.**

Prerequisite: Economics 201-202. Expenditures and revenues of federal, state, and local governments, the problems of shifting and incidence of taxes; the public debt and fiscal administration. Three periods a week. Three credits each semester.

**Economics 351-352—Labor Economics.**

A study of manpower, the labor force, and the organized labor movement. Three credits each semester.

**Economics 361, 362—*Quantitative Economics.***

An introduction to some of the mathematical and statistical concepts as are necessary in advanced economics and econometrics. Three credits each semester.

**Economics 371—*Microeconomics.***

Prerequisite: Economics 201-202. Analysis of the firm and the household and their interactions, involving cost, utility, price, wage, interest, rent, and profit theory. Three periods a week for first semester. Three credits.

**Economics 372—*Macroeconomics.***

Prerequisite: Economics 201-202. National income accounts and aggregate economic analysis. Three periods a week for second semester. Three credits.

**Economics 391—*Comparative Economic Systems.***

Prerequisite: Economics 201-202. The nature of capitalism, socialism, communism, and fascism and the state of economic society in the various areas of the world. Three periods a week for first semester. Three credits.

**Economics 392—*Economic Development.***

Prerequisite: Economics 201-202. An examination of the problems of accelerating economic development in poor countries and maintaining development in rich countries. This study will progress from the viewpoints of theory, history and policy in attempting to explain the forces that give long period growing power to an economy. Three credits.

**Economics 401-402—*International Economics.***

Prerequisite: Economics 201-202. World economic resources, international trade, and economic problems in international relationships. Three periods a week. Three credits each semester.

**Economics 441-442—*History of Economic Thought.***

Prerequisite: Economics 201-202. Survey of ancient and medieval economic thought; the Physiocrats and the mercantilists; the classical and neo-classical economics; and trends in economic thought since the middle of the nineteenth century. Three periods a week. Three credits each semester.

**Economics 471-472—*Seminar in Economics.***

Directed individual research on an approved problem in economics. Three credits.

**Political Science**

For a major in Political Science the requirements are twenty-four credits in political science and twelve credits in related subjects, in addition to six hours in Political Science 201, 202. The major program must include Political Science 301, 302, 441, and 442. The related subjects may be selected from additional courses in Political Science or other social sciences as approved.



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**COURSE  
OFFERINGS**  
*Economics  
and  
Political  
Science*

**Political Science 201, 202—*American Government.***

The principles of political science as applied to American national government, state governments, and local government. Six credits.

**Political Science 211—*Congress and the Political Process.***

An analysis of the legislative process in the United States, focused on the contemporary role of Congress in its relation with the Presidency, the federal bureaucracy, and pressure groups. Three periods a week for the first semester. Three credits.

**Political Science 212—*The American Presidency.***

An analysis of a fluid institution in a going political system. Stress will be placed on the evolution of the modern presidency and its relationship to democratic theory. Three periods a week for the second semester. Three credits.

**Political Science 301—*Comparative Government I.***

A comparative analysis of the governments of the United Kingdom, France, and West Germany. First semester. Three credits.

**Political Science 302—*Comparative Government II.***

A comparative analysis of the governments of the Soviet Union and Eastern Europe. Second semester. Three credits.

**Political Science 304—*Problems in Contemporary American Politics.***

An in-depth analysis of selected problems in contemporary American politics. The course will be conducted as a seminar with emphasis on independent student research. Permission of the instructor is required for admission. Three periods a week. Three credits.

**Political Science 311, 312—*Public Administration.***

The administrative aspects of government, problems of organization, fiscal control, administrative control, and a study of employment relations with personnel administration. Three periods a week. Six credits.

**Political Science 321—*Theory of International Politics.***

An analysis of contemporary theory in international politics, including an evaluation of the United Nations and other international organizations. First semester. Three credits.

**Political Science 322—*Problems in International Politics.***

A continuation of 321, focusing on the major contemporary problems in international politics such as Vietnam, the Middle East, European integration, and the Cold War. Second semester. Three credits.

**Political Science 332—*Metropolitan Problems.***

An analytical study of the problems of American cities and other local areas. Three credits.

**Political Science 334—*Political Parties.***

The structure and functions of political parties; the conduct of elections; pressure groups. Three credits.

**Political Science 341, 342—*Government Finance.***

Same as Economics 341, 342—Government Finance. Expenditures and revenues of federal, state, and local governments, the problems of taxes, the public debt and fiscal administration. Three periods a week. Six credits.

**Political Science 351, 352—*Political Problems of Latin America.***

A comparative analysis of the problems of political development confronting the nations of Latin America. Appropriate consideration will be given to the closely related problems of general development. Three periods a week for both semesters. Three credits each semester.

**Political Science 353—*Politics of Middle and Southern Africa.***

The development of nationalism, the drives for independence, and the problems and politics of nation-building of the newly-independent sub-Saharan states. The politics of the white-controlled areas of southern Africa. Regional groupings. Pan-Africanism and other international aspects of African politics. Three credits.

**Political Science 354—*Politics of South and Southeast Asia.***

A study of the political development of India, Pakistan, Thailand, Laos, Cambodia and the Vietnams. Problems in the economic development of these nations will be analyzed as related. Three credits.

**Political Science 355—*Politics of North Africa and the Middle East.***

A study of the political development of the nations of North Africa and the Middle East. Emphasis will be given to the development of new political institutions in these areas. Three credits.

**Political Science 356—*American Foreign Policy.***

Problems facing the United States in its search for national security and international stability and progress; emphasis on our foreign policy since World War II. Three credits.

**Political Science 361—*Problems of Communism.***

A study of the origins, development and contemporary aspects of world Communism. The evolution of "communist" thought: Marx, Engels, Lenin, Stalin, Mao, and post-Stalin Communist writings. The history and development of Communism as a political movement. The Soviet and Chinese experiences. Communism in the non-Western world. The Sino-Soviet conflict, Eastern Europe and other major features and issues of contemporary world communism. Three credits.

**Political Science 422—*American Civil Liberties.***

An intensive analysis of civil liberties in the United States, based primarily upon decisions of the Supreme Court. Three credits.

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**COURSE  
OFFERINGS*****Economics  
and  
Political  
Science*****Political Science 441—*History of Political Thought I***

An examination of the contributions to political thought of the great political theorists from Plato to Burke. Three credits.

**Political Science 442—*History of Political Thought II***

A continuation of Political Science 441 dealing with Liberalism, Communism, Socialism, Fascism. Three credits.

**Political Science 443—*Modern Political Analysis*.**

A study of the theories and applications of modern political analysis. Emphasis will be placed upon the behavioral approach to politics. Three credits.

**Political Science 462—*Geopolitics*.**

An examination and evaluation of geographic factors affecting world power struggles and international relations. Three periods a week. Three credits. (Same as Geography 462.)

**Political Science 481—*Independent Study in Political Science*.**

Directed individual research on approved problems in political science. Three credits.

**Political Science 491—*Problems in Political Economy*.**

Open to all political science majors and otherwise qualified students of junior and senior status who desire to become more familiar with the literature of political science in a field selected by the instructor after consultation with the students. Approval of instructor is required. The emphasis is on intensive reading with group discussions of the selections read. Three periods a week. Three credits.

**Political Economy and Public Affairs**

A major program in Political Economy and Public Affairs required the student to take Economics 201-202, Principles of Economics, and Political Science 201-202, American Government. In addition to the above courses, the student must take fifteen credit hours in Economics and fifteen credit hours in Political Science selected from courses offered by the Department. These courses are to be chosen so as to provide the student with a foundation in either domestic or international public affairs.

**Typewriting**

The courses do not carry college credit and are designed primarily to develop skill in typewriting for personal use. Proper techniques of typewriting and a mastery of the keyboard are developed. To facilitate registration, the following course numbers have been assigned:



### **Typewriting 121-122—**

Three periods a week. No credit.

**EDUCATION/Associate Professor PAUL SLAYTON, Chairman; Professor ALVEY; Associate Professor MERCHANT; Assistant Professors HOLMES, HOOK, SHAUGHNESSY.**

As a liberal arts institution, Mary Washington College is committed to the preparation of elementary and secondary teachers of the liberal disciplines. The courses necessary for obtaining certification as a teacher in either elementary or secondary schools are available as electives to students at Mary Washington College. These courses are designed primarily to meet certification requirements for teaching in Virginia.

To fulfill the graduation requirements of the college and the certification requirements for the state, the faculty adviser and the student should plan the four-year academic program with care. Where it is possible, college and certification requirements should be overlapped to avoid amassing a surplus of credit hours.

### **Certification Requirements For Grades One Through Seven.**

To be certified the student must complete the degree requirements and may select any major program offered by the college.

To meet the minimum requirements to teach in the elementary schools, students must complete courses in two areas: general education, and professional education:

#### *General Education*

A minimum of sixty semester hours of course work distributed so that the following specific requirements are met:

1. Humanities	Semester hours
English (including courses in composition and children's literature .....	18
Foreign Language .....	6
2. Social Science	
American History.....	3
Economics .....	3
Electives (from history, economics, general psychology, political science and sociology. Geography and world history are recommended) .....	12
3. Natural Science .....	8
4. Mathematics .....	6
5. Art and Music.....	6
6. Physical Education or its equivalent and Health. ....	4

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## **COURSE OFFERINGS**

*Education*

### *Professional Education*

1. Psychology  
    Psy 331, Developmental Psychology: Child  
    Development ..... 3  
    Psy 332, Developmental Psychology: Adolescent  
    Development ..... 3
2. Education 312, Teaching in the Elementary School  
    (to be taken during either semester of junior  
    year ..... 3
3. Education 320, The Teaching of Reading.....3
4. Education 440, Student Teaching (See supervised  
    Teaching, pp 131..... 6

For students who prefer a more highly specialized preparation for elementary school teaching leading to the degree of Bachelor of Science in Education, a special program in cooperation with the School of Education at the University of Virginia is offered. (See Cooperative Program in Elementary Education, page 92.)

### **Certification Requirements For Secondary School Subjects.**

To meet requirements to teach a subject in the secondary school, students must complete credits in general education, in professional education, and in the subject to be taught. Moreover, it is recommended that all students preparing to teach take a course in speech and basic economics to satisfy in part the general education requirements.

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**COURSE  
OFFERINGS**  
*Education*

<i>General Education</i>	<b>Semester hours</b>
1. Humanities .....	12
English Composition .....	3
Electives (from foreign language, literature, speech, fine arts, music and philosophy)....	9
2. Social Science.....	12
American History .....	3
Electives (from history, sociology, economics, political science, geography, and general psychology—recommended: general psychology) .....	9
3. Laboratory Science and Mathematics .....	12
(at least one course in each area)	
4. Health and Physical Education .....	4

### *Professional Education*

1. Psychology (in addition to general psychology) ..... 3  
Psy 332, Developmental Psychology: Adolescent Development is strongly recommended.
2. 300 level education course appropriate to subject area. 3  
(to be taken during either semester of junior year)
3. Education 420, Foundations of Education (to be taken concurrently with Education 440, Student teaching. 3
4. Education 440, Supervised Teaching..... 6  
(see Supervised Teaching, Page 131.)

### *Areas of Specialization*

The minimum hours required in the subject taught on the secondary level are itemized below and may include any hours that have been included in the general education requirements. However, a student should major in the subject she wishes to teach so that an adequate depth and background are assured. Student teaching in the secondary school will be permitted only in the student's major subject.





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**COURSE  
OFFERINGS**  
*Education*

<b>Art .....</b>	<b>30</b>
Distribution in art courses as follows:	
a. Design, drawing, painting, graphics .....	12
b. Sculpture .....	6
c. Ceramics and crafts.....	6
d. History and Appreciation of Art .....	6
<b>English .....</b>	<b>30</b>
Shall include courses in English literature, American literature, language and composition. Should include also a course in advanced composition writing and a course in modern English Grammar.	
(NOTE: The English major may be certified to teach speech and/or dramatics with six hours credit in either of those disciplines.)	
	Semester hours
<b>Dramatics .....</b>	<b>12</b>
<b>Speech .....</b>	<b>12</b>
<b>Foreign Language.....</b>	<b>30</b>
Shall include thirty semester hours of language and literature including the beginning, intermediate, and other courses which may have been taken prior to college study. (Note: For endorsement in a second foreign language the student must present twenty-four hours of credit in that language.)	
<b>Latin.....</b>	<b>24</b>
(NOTE: For endorsement in Latin as a second language or in addition to English the applicant must present eighteen semester hours of Latin language and literature, including the beginning, intermediate, and other courses which may have been taken prior to college study.)	
<b>Mathematics</b>	
a. All High School Mathematics.....	27
(NOTE: Shall include a course in analytic geometry and calculus and should include courses in modern algebra, geometry, probability, and/or statistics.)	
b. Teachers of Mathematics (Pre-Algebra).....	16
(eighth and ninth grade arithmetic, consumer mathematics, basic mathematics, and business mathematics)	
<b>Music .....</b>	<b>36</b>
a. Performance .....	18
b. Basic Musical Knowledge .....	18

## History and the Social Sciences .....42

The credit shall be distributed as follows:

- a. History .....18
- b. Government .....12
- c. Economics ..... 6
- d. Geography ..... 6

To teach a specific social science subject, the student must complete the following minimums:

- a. History (selected from not less than two of the following: American history, ancient history, and contemporary affairs).....24
- b. Economics.....18
- c. Geography.....18
- d. Political Science.....18
- e. Sociology .....18

NOTE: An applicant for a separate endorsement in history, geography, government and sociology must complete a course in basic economics.

## Science

- a. Biology .....24  
Shall include a laboratory course in introductory biology. In addition a year's course in organic chemistry, physics, and mathematics should be completed.
- b. Chemistry .....24  
Shall include courses in general principles and organic, analytical, and physical chemistry. In addition a year's course in biology, physics and mathematics should be completed.
- c. Earth Science .....24  
Shall include a year's course in general college geology and a semester's course in each of two of the following: astronomy, meteorology, oceanography and physical geography.
- d. General Science .....24  
The student must present credit in at least three science fields: biology, chemistry, physics or earth science.
- e. Physics.....20  
Physics, alternate endorsement.....16  
(All persons with a college major in astronomy or with endorsement in biology, chemistry, or mathematics (all high school subjects) shall be endorsed in physics with sixteen semester hours in physics, eight semester hours of which must be in courses above the introductory level which use calculus.)

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## COURSE OFFERINGS

*Education*

Qualified applicants may wish to enter the Internship Program for Prospective Teachers leading to the Master of Arts in Teaching degree offered by the University of Virginia. (See description of the program on page 95).

**Education 312— *Teaching in the Elementary School.***

The purposes and organization of the elementary school and its curriculum; subject content and instructional methods related to child growth and development with emphasis on the teaching of subject disciplines, classroom management and evaluation of pupil progress.

**Education 320— *Teaching Reading in the Elementary School.***

A specialized course in the principles and techniques for teaching reading. Major emphasis will be upon the patterns of language development, the structure of the language, the relationship of oral to written communication, and the tools available to the teacher in furthering the general language development of youth.

**Education 332— *The Teaching of Foreign Languages.***

The principles and techniques of teaching modern and classical languages in the secondary school. Some important areas developed are: selecting materials of instruction in foreign languages, planning and guiding learning experiences, and appraising the results of the teaching-learning process.

**Education 342— *Seminar in Art Education.***

Designed for students who expect to teach art, but open to other art majors. Study of the scope and place of the visual arts in the world today; of adult and child attitudes and aptitudes; the development of a philosophy toward creative work, some practice in organizing a flexible and workable program for future teaching or study.

**Education 352— *The Teaching of Mathematics.***

Consideration of principles and techniques of teaching and materials of instruction for teaching mathematics in the secondary school. Some important areas developed are: planning and guiding learning experience in mathematics and appraising the results of the teaching-learning process.

**Education 362— *The Teaching of Music.***

(See Music 311-312 in the listing of courses of the Music Department.) Completion of this course suffices to fill the teaching of subject requirement for certification purposes.

**Education 372— *The Teaching of the Social Sciences.***

The purposes and organization of the secondary social science curriculum; subject matter content and instructional methods in the various social sciences. Some important areas developed are: planning and guiding learning experiences in social science and appraising the results of the teaching-learning process.



**Education 382—*The Teaching of the Sciences.***

The purposes and organization of the secondary science curriculum; subject matter content and instructional methods in the various sciences. Some important areas developed are: planning and guiding learning experiences in science and appraising the results of the teaching-learning process.

**Education 392—*The Teaching of English, Speech & Dramatics.***

The purposes and organization of the secondary language arts curricula; subject matter content and instructional methods related to the development of language skills and tastes during the adolescent years. Consideration of principles, techniques, and materials of instruction for teaching English, Speech, and Dramatics in the secondary school.

**Education 420—*Foundations of Education.***

(To be taken concurrently with Education 440.) An analysis of the role of education in the United States. Major emphasis in this course are the surveys of the contributions of the foundation disciplines to theory and practice in American schools: history of education, cultural anthropology, sociology, philosophy, psychology of learning, political science and economics.

**Education 440—*Supervised Teaching.***

Prerequisite: appropriate three-hundred level course in education. Orientation to teaching under direction of supervisors in public elementary and secondary schools in three different geographic localities: the Richmond area, the Fredericksburg area, and the Northern Virginia area. Includes practical experience in the classroom, laboratory, and field activities, as well as other aspects of the total school program. Other regulations governing acceptance into supervised teaching are found below. Offered each semester. Six credits.

**Supervised Teaching**

Facilities for student teaching in both elementary and secondary schools are available in three localities: the Richmond area, the Fredericksburg area, and the Northern Virginia area. Under the cooperative arrangements in effect, students in their senior year are assigned to specific classes for observation, participation, and teaching responsibilities under the guidance and supervision of experienced teachers. Supervised teaching is available in the high school academic subjects and in the elementary grades, as well as in art and music.

Students seeking certification should reserve one semester of the senior year primarily for student teaching. During that semester the student should enroll for Education 440, Student Teaching. A total of twelve hours will be considered a normal load of courses during the student teaching semester; therefore, only one other course may be taken during the period the student is enrolled in Education 440. (For student teachers choosing assign-

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COURSE  
OFFERINGS

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*English*

ment in the Richmond and Northern Virginia areas, the Education 420 course will be taught in those areas by members of the Mary Washington College Department of Education. Arrangements for the additional course may be made through colleges in those areas.)

For assignment to supervised teaching, students must meet the eligibility requirements, which include (a) senior status; (b) an average of at least "C" in general and in the major field; and (c) aptitude for the profession. Secondary school teachers must major in the subject they plan to teach as well as meet the above requirements. Enrollment is by permission of the Department of Education and is contingent on the availability of space in the cooperating school divisions. Transportation to and from the cooperating school is the responsibility of the student. Students applying for positions in supervised teaching should submit the appropriate application forms to the Department of Education by May 1 of their junior year at Mary Washington College for assignments the following session.

**ENGLISH/** *Professor* SIDNEY H. MITCHELL, Chairman; *Professors* CROUSHORE, B. W. EARLY, GRIFFITH, W. B. KELLY, SIMPSON, WHIDDEN, D. H. WOODWARD; *Associate Professors* BROWN, FINNEGAN, FLEMING, GLOVER, N. H. MITCHELL; *Assistant Professors* DERVIN, HANNER, SINGH; *Instructors* M. S. EARLY, FELLOWES, HANSEN\*, LUTTERBIE, RANKIN, ROSS, WINSTON.

English 111 is prerequisite to all other English courses.

Students choosing to major in English must take at least twenty-four credits in English courses numbered 300 or higher and twelve credits in related fields, in addition to the twelve hours of English listed in the degree requirements. The twenty-four hours in advanced English courses must include six hours in courses numbered 300 to 326; six hours in courses numbered 335 to 376; six hours in 400 courses.

In their senior year majors are required to pass a written examination in English and American literature in order to complete their major program. This comprehensive examination is designed to encourage majors to assimilate material from classes, independent study, and personal reading and to offer them an opportunity to display a comprehensive knowledge of literary trends and theories. A copy of sample questions is in the Reserve Room in the Library, and departmental advisers can provide additional information on request.

\*On leave 1969-70.

A distinguished performance on the comprehensive examination, in addition to a high level of achievement in the major program, will entitle majors to be graduated with "Honors in English."

It is recommended that English majors who plan to do graduate work take two foreign languages, preferably French and German.

The twelve credits of related study are to be selected, with the approval of the student's adviser, from among the courses numbered 200 or higher in the following departments; six credits must be offered from a single department; the remaining six must be offered from one or more other departments:

Art (courses in Art History)

Classics

Dramatic Arts (courses in dramatic literature)

History

Languages

Music (courses in the history and literature of music)

Philosophy

Religion (including Religion 101, 102)

**English 111— *Composition and Reading.***

The mechanics of writing and an introduction to literature. To earn credit for the course, the student must have a passing average in her theme program. Three credits.

**English 205— *Children's Literature.***

A study of the various sections of children's literature—fables; myths; folk and hero stories; poetry. Open to juniors and seniors only. For elective credit only. Three credits each semester.

**English 231— *Short Fiction.***

A study of selected short stories and short novels. Three credits.

**English 232— *The Novel.***

A study of the form, content, and development of selected novels. Three credits.

**English 233— *Poetry.***

A close analysis of poetic form and content. Three credits.

**English 234— *Shakespeare.***

A study of Shakespeare's achievement in selected plays and poems. Three credits. (No additional credit will be allowed for English 425, 426.)

**English 235— *Tragedy.***

Tragedy as form and idea reflected in selected literary and dramatic works of world literature. Three credits.

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COURSE  
OFFERINGS

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*English*

**English 236— *Comedy.***

A study of comic conventions in selected works of world literature. Three credits.

**English 305— *The English Language.***

Structural and transformational grammars and their application to the English language. Three credits for the first semester.

**English 308— *Old and Middle English Literature in Translation.***

A study of some of the major works and genres of Anglo-Saxon and Middle English literature, including lyric, heroic and romance narratives and drama. Knowledge of the languages is not required. Three credits for the second semester.

**English 315, 316+— *The English Renaissance.***

The non-dramatic poetry and prose of the Elizabethan, Jacobean, and Caroline periods. Three credits each semester.

**English 325, 326+— *Eighteenth Century Literature, 1660-1800.***

A study of the main types of literature in England from the Restoration through the eighteenth century, with particular attention to the development of neoclassical values and their decline and the rise of romanticism. Three credits each semester.

**English 335, 336+— *Nineteenth Century English Literature.***

First semester, Romantic poetry and prose; second semester, Victorian poetry and prose. Three credits each semester.

**English 355, 356+— *Nineteenth Century American Literature.***

First semester, literary romanticism in American prose and poetry; second semester, literary realism in American prose and poetry. Three credits each semester.

**English 365, 366+— *Modern Literature.***

A comparative study of important European, British, and American authors from 1885 to the present. Three credits each semester.

**English 375, 376+— *Special Studies.***

Studies in significant literary figures, movements, topics.

1970-1971 (1st semester) Afro-American Literature.

1970-1971 (2nd semester) Psychological Dimensions of Literature

1971-1972 (1st semester) Afro-American Literature.

1971-1972 (2nd semester) Psychological Dimensions of Literature.

Three credits each semester.

**English 406— *Workshop in Writing.***

Practice in creative expression. Admission by consent of the instructor. Three credits for the first semester.





**English 409— *Literary Criticism.***

A study of literary criticism from Plato to the present with emphasis on forms other than drama. Readings and class discussions will focus on both historical developments in literary theory and examples of critical practice. Three credits for the first semester.

**English 415, 416+— *The Novel.***

Development of the novel in England and America. Three credits each semester.

**English 417, 418+— *English Drama.***

The origin and development of drama from the Middle Ages. First semester, Middle Ages to the Restoration; second semester, the Restoration to the present. Three credits each semester.

**English 422— *Chaucer.***

Chaucer's literary backgrounds and his major works. Three credits.

**English 425, 426+— *Shakespeare.***

Shakespeare's development as a dramatist. Three credits each semester.

**English 436— *Seventeenth Century Studies.***

Intensive study of significant figures, movements, or problems in the literature of the seventeenth century. Three credits for the second semester.

**English 445— *Eighteenth Century Studies.***

Intensive study of significant figures, movements, or problems in the literature of the eighteenth century. Three credits for the first semester.

**English 455— *Nineteenth Century English Studies.***

Intensive study of significant figures, movements, or problems in nineteenth century English literature. Three credits for the first semester.

**English 466— *Twentieth Century English Studies.***

An intensive study of a few modern writers. Three credits for the second semester.

**English 475— *Nineteenth Century American Studies.***

Intensive investigation of significant literary figures, movements, or problems in nineteenth century American literature. Three credits for the first semester.

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**COURSE  
OFFERINGS*****Geography  
and  
Geology*****English 486— *Twentieth Century American Studies.***

Intensive investigation of significant literary figures, movements, or problems in twentieth century American literature. Three credits for the second semester.

**English 490, 491, 492, 493— *Independent Study.***

Individual study under the direction of a member of the staff. From three to twelve hours, not more than six to be taken in the junior year. Three to twelve credits. (By permission of the department.)

**GEOGRAPHY AND GEOLOGY/** *Professor* SAMUEL T. EMORY, Chairman; *Professor* BIRD; *Associate Professor* BOWEN; *Assistant Professor* GOUGER.

**Geography**

A student wishing to major in geography and geology must take a total of thirty-six semester hours in addition to Geology 121-122. Twenty-four hours of this are to be taken in geography and geology while the remaining twelve hours are to be taken in related fields approved by the department. The total program must form a coherent group of courses and must be planned in consultation with the department.

Courses counted toward filling any of the basic or area requirements for a degree cannot be counted also a part of the major program requirements.

**Geography 212— *World Geography.***

An introduction to cultural geography with an emphasis upon the development and spatial arrangement of the major societies of the modern world. Three periods a week. Three credits.

**Geography 275— *Human Environment: Perception and Utilization.***

A study of human ecology stressing the quality of the environment. Emphasis on pollution, resource utilization and conservation, and Man's role in changing the face of the earth. Three credits.

**Geography 313— *Weather and Climate.***

An analysis of weather processes, distribution of climatic regions, the relationship between climate, vegetation, and soil regions, and the impact of climate upon man's activities. Three periods a week. Three credits.

**Geography 320— *Geography of Anglo-America.***

A survey of the United States and Canada by regions. (New England, the South, French Canada, etc.) including the culture, population, industry, trade, and natural foundation of each. Three periods a week. Three credits.

**Geography 325— *Geography of Europe.***

A survey of the European continent including the climate, surface features, natural resources, population, agriculture, industry, and trade of each European nation and the nation's position in the world today. Three periods a week. Three credits.

**Geography 331—*Geography of Asia.***

A study of the landforms, climate, boundaries, trade, resources, people, and cultural groupings of the continent of Asia. Three periods a week. Three credits.

**Geography 333—*Geography of Africa.***

A study of the landforms, climate, peoples, boundaries, trade, and cultural groupings of the African continent. Three periods a week. Three credits.

**Geography 334—*Geography of South America.***

A survey of the population, natural resources, geographic regions, and potentialities of South America; the significance of this region in the economic and political affairs of the world. Three periods a week. Three credits.

**Geography 335—*Geography of Middle America and the Carribean.***

A survey of the population, natural resources, geographic regions, and potentialities of Middle America and the Carribean; and the significance of this region in the economic and political affairs of the world. Three periods a week. Three credits.

**Geography 340—*Economic Geography.***

A comparative geographical survey of major economic activities such as agriculture, forestry, fishing, mining, manufacturing, and commerce. Emphasis upon study of the characteristics of distribution and the regional patterns of these activities. Three periods a week. Three credits.

**Geography 415—*Cartography.***

Analysis of cartographic problems with exercises in techniques of presentation; a survey of the history of cartography, map projections and symbols, and methods of graphic representation. Two single and two double periods a week. Four credits.

**Geography 422—*Historical Geography of North America.***

A study of the geography of selected regions of North America during designated periods of history. Emphasis will be placed upon settlement geography, historical economic geography, and geographical change through time. Three periods a week. Three credits.

**Geography 461—*Geographical Influences on History.***

A study of the influence of man's physical environment on history, with emphasis on American history. Three periods a week. Three credits.

**Geography 462—*Political Geography.***

A study of geographic factors in world power and international affairs. Three periods a week. Three credits.

**Geography 480—*History of Geographic Thought.***

A survey of the development of geographic knowledge and thought as illustrated by the writings of representative geographers and other scientists in related fields, both past and contemporary. Three periods a week. Three credits.

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## COURSE OFFERINGS

### *Health, P.E., and Recreation*

#### **Geography 490—*Special Problems in Geography.***

An independent study of some geographic problem selected in consultation with the department. May be repeated for credit. Three credits.

#### **Geology**

Students emphasizing geology may elect to receive a B. S. degree by selecting the correct area requirements and related field in consultation with the department.

#### **Geology 121-122—*Introduction to Earth Science.***

The changing earth, the processes that produce change, the history of change and how earth history is read. Three single and one double period a week. Four credits each semester.

#### **Geology 312—*Geomorphology.***

The origin and development of landforms and their relation to underlying structure. Three credits.

#### **Geology 331—*Invertebrate Paleontology.***

Hard and soft part morphology and evolution of major invertebrate groups. Three single and one double period a week. Four credits.

#### **Geology 332—*Mineralogy-Petrology.***

Basic concepts of the solid state of matter; crystal lattices and crystals, identification and classification of rocks and minerals; origin and evolution of igneous rocks; materials, structure and energy of earth's interior. Three single and one double period a week. Four credits.

#### **Geology 351—*Readings in Geology.***

Readings from texts, references, and journals in one of the following: Geochemistry; geophysics; sedimentation; vertebrate paleontology; and paleocology. Three periods a week. Three credits.

#### **Geology 490—*Independent Study in Geology.***

Prerequisite: four semesters of geology. Investigation of a geologic problem to be chosen in consultation with instructor. Three credits.

**HEALTH, PHYSICAL EDUCATION, AND RECREATION/**  
*Associate Professor* MARGERY E. ARNOLD, Chairman; *Professors* BENTON, READ; *Associate Professors* DROSTE, GREENBERG, WOOSLEY; *Assistant Professors* CLEMENT, DARBY; *Instructors* DOSCH, HYDE, DRAGOMANOVIC, GARDNER, HOLLACK, AND KIRSCHNER.

A program leading to the B.A. degree with the major in dance is described on page 141.



The following departmental requirements and information should be noted.

1. Four credits in physical education are required for a degree. College credit in physical education is limited to four hours. (A student may take courses in dance in excess of the four credits allowed in physical education with the written approval of the departmental chairman or advisor in the student's major field.)

2. Students are expected to complete the four credits during their first two college years.

3. A student may elect two credits in Health Education.

4. Each student is expected to participate in physical education activities. If a student's health restricts her participation, she is expected to take some modified activity. Such students shall arrange their physical education work in consultation with the chairman of the department.

5. A student may take any course which the department offers on the level for which she is qualified.

6. A student may not enroll in more than one course in physical education during a semester without the approval of the department chairman.

7. Each student should have a pair of tennis shoes; dark, solid color, cotton Bermuda shorts; white tailored blouse; and leotards. She should also bring a tennis racket and golf clubs if she plans to participate in these activities.

8. Satisfactory/Unsatisfactory. Grades in the Physical Education Department (with the exception of the Dance Major courses) are S and U. "U" means that the requirement has not been met, and an additional course must be taken. Credits earned with an "S" count towards graduation but carry no quality points.

## **Health Education**

### **Health Education 100—*Contemporary Health Problems.***

Two periods a week for one semester. Two credits.

## **Physical Education**

All classes meet three periods per week or the equivalent. All carry one credit.

**Physical Education 101, 102; 201, 202; 301, 302; 401, 402\*—*Field Hockey.***

**Physical Education 103, 104; 203, 204; 303, 304; 403, 404—*Basketball.***

\*100 numbers indicate first level; 200 numbers indicate second level, etc.

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## **COURSE OFFERINGS**

*Health,  
P.E., and  
Recreation*

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**COURSE  
OFFERINGS*****Health,  
P.E., and  
Recreation***

Physical Education 105, 106; 205, 206; 305, 306; 405, 406—*Volleyball.*

Physical Education 109, 110; 209, 210; 309, 310; 409, 410—*Lacrosse.*

Physical Education 111, 112; 211, 212; 311, 312; 411, 412—*Gymnastics.*

Physical Education 113, 114; 213, 214; 313, 314; 413, 414—*Individual Exercise.*

Physical Education 115, 116; 215, 216; 315, 316; 415, 416—*Swimming.*

Physical Education 117, 118; 217, 218; 317, 318; 417, 418—*Correctives.*

Physical Education 119—*Fundamentals of Movement.*

Physical Education 120—*Introduction to Dance.*

Physical Education 121, 122; 221, 222; 321, 322; 421, 422—*Ballet.*

Physical Education 123, 124; 223, 224; 323, 324; 423, 424—*Modern Dance.*

Physical Education 125, 126; 225, 226; 325, 326; 425, 426—*Tap Dance.*

Physical Education 127, 128; 227, 228; 327, 328; 427, 428—*Folk and National Dance.*

Physical Education 129, 130; 229, 230; 329, 330; 429, 430—*American Folk and Square Dance.*

Physical Education 131, 132—*Officiating.*

Physical Education 133, 134; 233, 234; 333, 334; 433, 434—*Tennis.*

Physical Education 135, 136; 235, 236; 335, 336; 435, 436—*Golf.*

Physical Education 139, 140; 239, 240; 339, 340; 439, 440—*Archery.*

Physical Education 141, 142; 241, 242; 341, 342; 441, 442—*Fencing.*

Physical Education 145, 146; 245, 246; 345, 346; 445, 446—*Badminton.*

\*Physical Education 147, 148; 247, 248; 347, 348; 447, 448—*Riding.*

\*Written permission of parent or guardian must be presented before enrollment in this course may be completed. Each student will have an opportunity to ride in the annual Horse Show.

Riding for recreation, without credit, two hours a week each semester. Fee, \$90.00.

## Dance

The major program in dance requires a minimum of twenty-four credits selected from courses in dance and twelve credits in the related fields of art, drama, and music. The student will select one of these areas to satisfy the fine arts requirement. A major student must acquire the ability to perform well in dance. The four-year program should be planned in consultation with the adviser.

The twenty-four credits within the major are as follows:

Studio Dance .....	6
Dance 211-212 Analysis of Movement Theories.....	6
Dance 232 Survey of Dance Styles.....	2
Dance 351, 352 History of Dance.....	6
Dance 431-432 Problems in Choreography.....	4

The twelve credits in related fields may be selected from the following:

Art .....	6
Any advanced course in Art History	
Dramatic Arts and Speech .....	6
Dramatic Arts 321, 322 Acting	
Dramatic Arts 361, 362 History of Theatre	
Dramatic Arts 411, 412 Stagecraft and Design	
Dramatic Arts 431, 432 Directing	
Music.....	6
Music 285, 286 Instrumental Sight	
Reading (no credit)	
Music 305, 306 History of Music	
Music 315 Twentieth Century Music	

The twenty-eight credits of electives should be selected in consultation with the adviser. Electives include additional dance courses and courses of the student's choice.

### **\*Dance 121, 122; 221, 222; 321, 322; 421, 422— *Ballet*.**

The study of ballet as a discipline toward exactness and precision of line, as a creative means of expression, and from an historical reference. Three periods a week. One credit each semester.

### **\*Dance 123, 124; 223, 224; 323, 324; 423, 424— *Modern Dance*.**

The study of body movement, its relationship to space, time, and force through improvisation and exploration. Three periods a week. One credit each semester.

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## COURSE OFFERINGS

*Health,  
P.E., and  
Recreation*

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**COURSE  
OFFERINGS**

*Health,  
P.E., and  
Recreation*

**Dance 211-212—*Analysis of Movement Theories.***

The comparison of selected theories of movement, including Dalcroze (rhythm); Delsarte (gesture); Humphrey-Weidman (gravity); Laban (effort-shape); Metheny-Ellfeldt (kinesthesia); Wigman (space); and the contemporary concept of total body movement (applied anatomy). Three periods a week. Six credits.

**\*Dance 231—*Studies in Compositional Forms.***

The study of forms in dance as the structure and organization of movement patterns and phrases. Experimental studies. Two double periods a week. One credit.

**Dance 232—*Survey of Dance Styles.***

The study of dance style related to historical periods in art, drama, and music. Creative work in primitive, archaic, medieval, pre-classic, classic, and contemporary styles. Three double periods a week. Two credits.

**Dance 235-236—*Dance Movement for the Theatre.***

Prerequisite: two credits of modern dance or proficiency. A study of movement as an instrument of communication in dramatic production through creative projects in the theatre involving the interrelation of movement with mime, gesture, space, rhythm, and expression. Two double periods a week. Two credits.

**Dance 310—*Creative Dance for Children.***

Dramatic imagery, rhythmic improvisation, and the translation from observation of movement through pantomime to dance. Two double periods a week. Two credits.

**\*Dance 331—*Ethnic Dance of Western Cultures.***

The study of the authentic and traditional dance forms and styles of the people of Western Cultures through knowledge and understanding of their history, culture and civilization. Performance of selected dances. Three periods a week. Two credits.

**Dance 332—*Ethnic Dance of Eastern Cultures.***

The study of the dance forms and styles of the people of Eastern Cultures through knowledge and understanding of their history, culture and civilization. Three periods a week. Two credits.

**Dance 341/342—*Labanotation.***

The study and practice of reading and writing a scientifically constructed method of recording movement by means of symbols, leading to certificate examination on the beginning and intermediate levels. Two double periods a week. Three credits each semester.

\*Studio Dance



**Dance 351, 352—*History of Dance.***

The study of the evolution of dance from its beginnings to the present time, as it reflects the culture and history of the period. Three periods a week. Three credits each semester.

**Dance 431-432—*Problems in Choreography.***

Prerequisite: Dance 231, 232 or permission of the instructor. Opportunities for reading and research related to the portrayal of an idea, mood, characterization, or an emotion through dance in a theatrical setting as a non-verbal form of the communicative arts. Three double periods a week. Four credits.

**Dance 440—*Independent Study.***

Prerequisite: permission of the instructor. Research, reading, writing, choreographing or composing an approved creative problem in dance. Development of a paper, project, performance or production. Three credits.

\*Studio Dance.



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**COURSE  
OFFERINGS**

*Health,  
P.E., and  
Recreation*

**HISTORY/** *Professor* JOSEPH C. VANCE, Chairman; *Professor* LINDSEY; *Associate Professors* M. HOUSTON, ZIMDARS; *Assistant Professors* BOURDON, KLENKE, RYANG, SAUNDERS, SHERWOOD, TRACY, WARNER; *Instructor* CAMPBELL.

Students who choose a major in history must earn thirty credits in history in addition to the College degree requirement. Twenty-one credits must be devoted to courses above the 200 level, which must include at least one semester course on the 400 level in addition to History 490, Independent Historical Research. A student's program **must** be planned in consultation with the departmental advisor and approved by him.

Majors interested in Honors work should consult the current catalogue and the chairman of the department.

The College degree requirement of six hours in history can be fulfilled by completing:

History 201-202—American History

History 211-212—History of Western Civilization or by completing six hours of any combination of two courses from those numbered 221 through 224, or 231 through 236.

Students who plan to teach in Virginia should note that a course in American history is required for certification. This can be satisfied together with the College degree requirement by taking courses from those numbered 201, 202 or 221 through 224.

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**COURSE  
OFFERINGS**

*History*

**History 201, 202—** *American History.*

A survey of the history of the United States from the Colonial period to the present. Three credits each semester.

**History 211, 212—** *History of Western Civilization.*

An introductory survey of the origin and development of civilization—ancient, medieval, and modern. Three credits each semester.

**History 221—** *Colonial America.*

The discovery, exploration, and settlement of North America and the development of the British Colonies to 1763. Three credits.

**History 222—** *The American Revolution and the Early National Period.*

Independence, the creation of the United States and its development through the Jackson period. Three credits.

**History 223—** *Civil War, Reconstruction, and The Gilded Age.*

The coming of the War, the War, restoration of the Union and the problems of reconstruction, the emergence of industrial America. Three credits.

**History 224—*Twentieth Century America.***

Economic, social, and political development and the rise of the United States as a world power. Three credits.

**History 231—*Greek Civilization.***

A study of the geography, history and civilization of Greece from earliest times through the death of Alexander the Great. Three credits.

**History 232—*Roman Civilization.***

A study of the geography, history and civilization of Italy and the Roman state from earliest times through the age of Justinian. Three credits.

**History 233—*Medieval Europe.***

Europe from 325 to 1400. Emphasis on the decline of the Roman Empire, migrations, the church, feudal institutions, medieval thought and the origins of modern national institutions. Three credits.

**History 234—*The Renaissance and Reformation.***

The period examined as one of transition, from the High Middle Ages to 1618. Three credits.

**History 235—*Early Modern Europe, 1618-1815.***

A study of Europe during the Age of Absolutism, the Enlightenment, the French Revolution and the Napoleonic Era. Three credits.

**History 236—*Modern Europe, 1815 to the present.***

A survey of the period with emphasis on the Industrial Revolution, nationalism, democracy, imperialism, power politics and social reform. Three credits.

**History 301, 303—*Diplomatic History of the United States.***

A study of foreign relations from the Colonial period to the present. Three credits each semester.

**History 303, 304—*The Old and New South.***

First semester, an examination of the social, political, and economic development of the South before the Civil War. Second semester, Reconstruction, race relations, the "solid South" in politics, and the rise of Southern industry. Three credits each semester.

**History 305—*The Frontier in American History.***

The westward movement and the significance of the Frontier, emphasizing the Turnerian thesis. Three credits.

**History 306—*The Negro in American History.***

A history of the Negro since the early 1600's with emphasis on his role during the Ante-Bellum period, Emancipation and Reconstruction, the nadir of the Negro in America (1878-1900), the Negro in the twentieth century with stress on the period since 1928. Three credits.

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COURSE  
OFFERINGS  
*History*

**History 307, 308—*Social and Intellectual History of the United States.***

The main traditions of thought and belief through the writings of significant figures in relation to the social environment and the major historical events and cultural changes. Three credits each semester.

**History 321, 322—*Latin American History.***

Colonial institutions, the independence movement, development of the modern states, Organization of American States, and other international problems. Three credits each semester.

**History 323, 324—*Social and Intellectual History of Latin America.***

An intensive study of institutions and thought from preconquest Indian cultures to the present. Three credits each semester.

**History 341, 342—*East Asian Civilization.***

A survey of the development of culture and civilizations in China and Japan. Three credits each semester.

**History 343—*Modern China and Japan.***

A history of modern China and Japan with a special emphasis on their rise to positions of world power. Three credits.

**History 344—*Modern Southeast Asia.***

A history of modern Southeast Asia. Three credits.

**History 351, 352—*History of England.***

A general survey of English history from earliest records to the present. Emphasis upon the economic and constitutional phases and growth of the British Empire. Three credits each semester.

**History 353, 354—*History of France.***

From the earliest time to the present, tracing the growth of the French nation state and the dominant role played by France in the intellectual and cultural life of Europe. Special attention is given to the French Revolution and Napoleon, and the course of French history through the nineteenth century to the present. Three credits each semester.

**History 355, 356—*History of Germany.***

From the first appearance of the Germanic peoples in the Roman Empire through the Medieval German Empire, its dissolution and the subsequent fragmentation of the German nation. The Renaissance and humanism; Luther and the Reformation. Particular emphasis on the Romantic movements in philosophy, literature and music. German Nationalism, Bismark's Empire, Hitler and the Third Reich. Three credits each semester.

**History 357, 358—*History of Russia.***

Major social, political, economic and cultural developments from the foundation of the Kievan state to the present. First semester, medieval and eighteenth century Russia. Second semester, the revolutionary movement, the fall of the Old Regime, and the Soviet Era. Three credits each semester.



**History 359, 360— *History of Spain.***

From the Moorish invasions to the present with particular emphasis upon the reconquest, the social and economic development in the sixteenth and seventeenth centuries, the demography of a pre-industrial society, the eighteenth century revolutions and the modern age. Three credits each semester.

**History 361, 362— *European Social and Intellectual History.***

Selected studies of representative thinkers from St. Augustine to the present, emphasizing their place in the development of Western thought. Three credits each semester.

**History 370— *Historiography.***

Designed to acquaint the student with the major historians, historical writings and trends in the discipline of history and some of the general philosophical theories of history. Three credits.

The special Studies in History are devoted to special historical periods or topics. Their purpose is to acquaint the student with historical issues and literature by involving her in research and discussion. The focus, form, and content of each Special Studies course will be determined by the instructor. Topics will be announced in the spring for the following academic year after consideration of student interest and staff availability. Prerequisite to all Special Studies courses: an appropriate 200 or 300 level course or permission of the instructor.

**History 490— *Independent Historical Research.***

An introduction to the methods and tools of historical research with emphasis upon a formal paper, the subject to be chosen by the student. Required of history majors. Offered each semester. Three credits.

**History 491, 492— *Special Studies in American History.***

Three credits each semester.

**History 493, 494— *Special Studies in European History.***

Three credits each semester.

**History 495, 496— *Special Studies in Latin American History.***

Three credits each semester.

**History 497, 498— *Special Studies in Far Eastern History.***

Three credits each semester.

**HOME ECONOMICS/** *Professor* GUENNDOLYN A. BEELER, *Chairman*; *Assistant Professors* R. HARRIS, JAMISON.

The Department of Home Economics offers as electives all courses for students in any curriculum. Credit may not be included

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COURSE  
OFFERINGS

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*Home  
Economics*

in the total hours required for graduation if the student is fulfilling certification requirements, since a total of only twelve (12) credit hours is allowed in both home economics and education. The Home Economics Department is concerned with implementing the liberal arts program through courses which help prepare students to meet basic and human needs for effective living and for responsible participation in the community and the world.

**Home Economics 104—*International Foods.***

A study of food patterns of various cultural groups and the way they meet the dietary needs of the people. Emphasis on the interrelationships of the contributions of Asian, European, African, Central and Latin American civilizations. Demonstrations of the preparation of typical meals of different cultures. Two single periods a week. Two credits. (Not offered in 1970-71.)

**Home Economics 112—*Art of Costume.***

Consideration given to the theories of dress and adornment with implications for individual application. Two credits. Two lectures. Either semester.

**Home Economics 211—*Contemporary Costume.***

Consideration given to Twentieth Century clothing in relation to factors influencing the production and consumption of wearing apparel for the satisfaction of human wants. A basic course for the beginning student in clothing construction. Three credits. Five lecture and laboratory hours. Either semester.

**Home Economics 212—*Contemporary Costume.***

A study of the factors influencing apparel design and the various methods used in custom dressmaking and tailoring. A course designed for the student who has a background in clothing construction. Three credits. Five lecture and laboratory hours. Second semester.

**Home Economics 214—*Costume Design.***

A creative approach to the study of dress and adornment. Original designs developed and creativity expressed through the medias of pattern-making and draping. Three credits. Five lecture and laboratory hours. Second semester.

**Home Economics 221, 222+—*Foods.***

Basic principles and fundamental processes involved in the selection and preparation of foods; emphasis on the aesthetic and sociological aspects of menu planning. Two double periods a week. Three credits each semester.

**Home Economics 231—*Nutrition.***

Principles of human nutrition and how such knowledge may be utilized to prevent ill health and promote a high level of physical fitness. Two single and one double periods a week. Three credits each semester.

## LIBERAL ARTS SEMINAR

The Liberal Arts Seminars offer an opportunity for participation in a planned program of reading, discussion, and assigned papers. Each seminar is directed by two members of the faculty, who share the responsibility for planning, conducting and evaluating the work done. A student who withdraws from the seminar at the end of the first semester may, upon the recommendation of the directors, receive credit for three semester hours. Enrollment is by permission of the instructors and is limited to eighteen students in each seminar.

### **Liberal Arts Seminar I-II** (*For freshmen*).

Two one and one-half periods a week. Six credits.

### **Liberal Art Seminar III-IV** (*For sophomores, juniors and seniors*).

Two one and one-half periods a week. Six credits.

**MATHEMATICS/** *Professor* HOBART C. CARTER, Chairman; *Professor* SHAW; *Associate Professor* A. M. HARRIS; *Assistant Professors* GARDNER, JONES, PIERCE, SARCHET, TURNER, TYREE, ZELEZNOCK, *Instructor* KEMMLER.

Students who undertake a major program in mathematics are required to earn thirty-six credits in mathematics and related subjects.

Twenty-four must be selected from courses in mathematics more advanced than Mathematics 111-112, Mathematical Analysis, and at least twelve must be earned in the following fields:

Mathematics—Any 300 or 400 course undertaken in addition to the twenty-four credit requirement.

Physics—Any course in physics.

Astronomy—Any course in astronomy.

Philosophy—Philosophy 221, 344, 406

Chemistry—Chemistry 393, 394.

Economics—Economics 372.

Freshmen who enter with four or more units of mathematics should consult the chairman of the department for placement.

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## COURSE OFFERINGS

*Liberal Arts  
Seminar  
Mathematics*

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**COURSE  
OFFERINGS**  
*Mathematics*

**Mathematics 111-112—*Mathematical Analysis.***

This course includes topics from set theory, logic, mathematical foundations, college algebra, trigonometry, analytic geometry, and an introduction to calculus. Three periods a week. Six credits.

**Mathematics 211-212—*Calculus.***

Prerequisite: Mathematics 111-112. Differential and integral calculus. Three periods a week. Six credits.

**Mathematics 301, 302—*Higher Algebra.***

Prerequisite: Mathematics 211-212. Number theory, groups, fields, matrices, rings, ideals. Three periods a week. Three credits each semester.

**Mathematics 312—*Differential Equations.***

Prerequisite: Mathematics 211-212. Ordinary differential equations with applications and an introduction to partial differential equations. Three periods a week. Three credits.

**Mathematics 341, 342—*Advanced Calculus.***

Prerequisite: Mathematics 211-212. Three periods a week. Three credits each semester.

**Mathematics 411—*Vectors and Matrices.***

Prerequisite: Mathematics 341. The algebra and calculus of vectors and an introduction to the theory of matrices. Three periods a week. Three credits.

**Mathematics 412—*Complex Variables.***

Prerequisite: Mathematics 342 or consent of instructor. Analytic functions, Cauchy-Riemann conditions, integration, power series, calculus of residues, conformal mappings, and applications. Three periods a week. Three credits.

**Mathematics 431, 432—*Higher Geometry.***

Prerequisite: Mathematics 211-212. Basic ideas and methods of higher geometry; the geometries associated with the projective group of transformation; applications to affine and metric geometries. Three periods a week. Three credits each semester.

**Mathematics 435, 436—*Selected Topics in Mathematics.***

A program of independent study under the direction of a member of the staff. Open to senior majors with the permission of the department. Three credits each semester.

**Mathematics 441—*General Topology.***

Prerequisite: Mathematics 301. Point-set theory; simplexes and complexes; topological invariance; introduction to homology and homotopy theory. Three periods a week. Three credits.



**Mathematics 446— Probability**

Prerequisite: Mathematics 211-212. Definitions of probability, combinatorial analysis, combination of events, conditional probability, common distributions, random variables, and recurrent events. Three periods a week. Three credits.

**Mathematics 451, 452—Numerical and Graphical Analysis.**

Prerequisite: Mathematics 211-212. Numerical and graphical methods applied to the following: solution of equations; interpolation; differentiation; integration; and solution of differential equations. Three periods a week. Three credits each semester.

**MODERN FOREIGN LANGUAGES/ Professor MARY ELLEN STEPHENSON, Chairman; Professors BOLLING, GREENE, HOGE, E. JONES, McINTOSH, RIVERA; Associate Professors ANTONY, BLESSING, BOZICEVIC, HERMAN, HOFMANN, PEREZ; Assistant Professors MANOLIS, NAKOI; Instructors CAPELLE, DAGNINO, DEFLORIO, LOONEY, McLEES, OHTANI, SCHNELLER, SENDRA; Assistant Instructors L. MANN, ROBBINS.**

Major programs are offered in French, German, and Spanish.

Course sequences in Italian and Russian are also available.

Two years of Portuguese are offered for related studies if there is sufficient demand.

Students applying for admission to the College must take a College Board Achievement Test in a foreign language. If this test is taken in a modern foreign language, students planning to continue in that language will be advised of the level of the course in which they should enroll.

A student who has high school credit for two or three units in a foreign language will not receive credit for a beginning course in that language.

A student who has high school credit for four years in a foreign language will not receive credit for an intermediate course in that language.

Students who read, write, and speak a language other than English may receive credit only for advanced courses in that language.

The foreign language is the language of the classroom for all courses numbered 200 and above. Other levels will use the foreign language as much as student preparation and progress allow.

To insure majors an acquaintance with all acknowledged masterpieces of the literature, the department offers a guided reading program.

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**COURSE  
OFFERINGS**

*Modern Foreign  
Languages*

Each student in elementary and intermediate classes in Modern Foreign Languages will spend a minimum of one and one half hours a week in the Language Laboratory as a part of her preparation beyond and above scheduled class sessions.

## French

Students who undertake a major program in French must take thirty-six credits in French and related subjects. These credits are to be distributed in the following manner:

1. Twenty-four credits in French, chosen from courses numbered 300 or higher and including French 305-306 and French 407-408.
2. In related fields, twelve credits selected from the following:
  - Two courses in the 100 group from another foreign language .....12 credits
  - A course in the 200 group from another foreign language ..... 6 credits
  - A course in the 300 or the 400 group from another foreign language ..... 6 credits
  - A course in the 300 group of English literature ... 6 credits
  - Art 312, 313, Medieval Art; Art 315, 316, Seventeenth and Eighteenth Century Art; or Art 451, 452, Nineteenth and Twentieth Century Art ..... 6 credits
  - History 235, Early Modern Europe; History 236, Modern Europe; and History 353, 354, History of France.....6 credits
  - Philosophy 322, Medieval Philosophy, and Philosophy 401, Philosophy Since the Renaissance ..... 6 credits

French majors in the junior and senior year are required to read and to report in the language of their major on books in the literary periods not covered by classes they have taken.

Each French major should reside for one session in the French House.

### **French 101-102—Beginning French.**

For students who enter college with fewer than two units in high school French. Five periods a week, two of which will be laboratory periods. Six credits.

### **French 103-104—Intermediate French.**

Prerequisite: French 101-102 or two to three units in high school French. Grammar review; varied reading; oral work with emphasis on the language laboratory. Three periods a week. Six credits.

**French 107-108—***Fundamentals of French Pronunciation and Conversation.*

Prerequisite: French 101-102 or two units of high school French. A basic or remedial course for serious students who lack the proficiency in French which would make them eligible for French 203-204. Does not provide credit toward the major in French or the language requirements. Two periods a week. One credit each semester.

**French 201-202—***Introduction to French Literature.*

Prerequisite: French 103-104 or four units of high school French. Selected readings from all periods of French literature. Three periods a week. Six credits.

**French 203-204—***French Conversation.*

Prerequisite: Sophomore standing or proof of proficiency at this level. A course offered especially for majors or those planning to live in the French House, but open to others with permission of the instructor. Two periods a week. Two credits.

**French 205-206—***Survey of French Literature.*

Open only to French majors and to certain other students who have demonstrated unusual ability in the language. Prerequisite: French 103-104 or four units of high school French. Lectures, reports, and selections from representative writers. Three periods a week. Six credits.

**French 212—***Studies in Language I.*

Grammar and composition. Recommended for majors. Open to students who have completed 4 years of high school French or French 103-104. Three periods a week. One semester. Three credits. THIS COURSE MAY NOT BE SELECTED TO SATISFY THE LANGUAGE REQUIREMENT. (Offered each spring semester.)

THE PREREQUISITE FOR 300 AND 400 LEVEL COURSES IS SATISFACTORY COMPLETION OF FRENCH 205-206, OR PERMISSION OF THE INSTRUCTOR.

**French 301—***Literature of the Middle Ages.*

Three hours a week. Three credits.

**French 302—***Literature of the Sixteenth Century.*

Three hours a week. Three credits.

**French 303—***Drama of the Seventeenth Century.*

Three hours a week. Three credits.

**French 304—***Non-dramatic Literature of the Seventeenth Century.*

Three hours a week. Three credits.

**French 305-306—***Studies in Language II.*

Advanced grammar and composition. Translation. Required of majors.

Others by permission of the instructor. Three periods. Six credits.

**French 307—*The Novel of the Nineteenth Century.***

Three periods a week. Three credits.

**French 308—*The Novel of the Twentieth Century.***

Three periods a week. Three credits.

**French 309, 310—*French Civilization.***

Prerequisite: French 103-104 or four units of high school French. Geography, history, and the political and cultural background of France and the French people. THIS COURSE MAY NOT BE SELECTED TO SATISFY THE LANGUAGE REQUIREMENT. Three periods a week. Three credits each semester.

**French 401—*Twentieth Century Theatre.***

Three hours a week. Three credits.

**French 402—*Twentieth Century Poetry.***

Three hours a week. Three credits.

**French 403—*The Literature of Eighteenth Century Philosophers.***

Three periods a week. Three credits.

**French 404—*The Theatre and the Novel of the Eighteenth Century.***

Three hours a week. Three credits.

**French 407-408—*French Conversation.***

Required of majors unless excused after examination by the department. Two periods a week. Two credits.

**French 409—*Nineteenth Century Romanticism in the Theatre and in Poetry.***

Three hours a week. Three credits.

**French 410—*Nineteenth Century Post-Romantic Theatre and Poetry (The Parnasse and Symbolism).***

Three hours a week. Three credits.

**French 411, 412+—*Senior Seminar in French.***

Open to seniors with permission of department. Three hours a week. Three credits each semester.

**French 491—*Independent Study.***

Individual study under the direction of a member of the staff. Three credits a semester for not more than two semesters. (By permission of the department.)



### French for Graduate Reading Examinations

An intensive non-credit course in reading French offered to individuals working on graduate degrees. It is designed to prepare the individual for foreign language examinations given to fulfill requirements toward a Masters or Ph.D. degree.

### German

Students who choose a major program in German must take thirty-six credits in German and related subjects. These credits are to be distributed in the following manner:

1. Twenty-four credits in German chosen from courses numbered 300 or higher, including German 357-358.
2. In related fields, twelve credits selected from the following:  
Two courses in the 100 group from another foreign language .....12 credits  
A course in the 200 group from another foreign language ..... 6 credits  
A course in the 300 or 400 group from another foreign language ..... 6 credits  
English 425, 426, Shakespeare ..... 6 credits  
History 355, 356, History of Germany ..... 6 credits  
History 361, 362, European Social and Intellectual History..... 6 credits

German majors must complete during their junior and senior years readings outlined by their advisers to cover periods of literature never covered in class.

#### German 151-152—*Beginning German.*

For students offering fewer than two units in high school German. Fundamentals of grammar, composition, conversation, and reading. Five periods a week, two of which are laboratory periods. Six credits.

#### German 153-154—*Intermediate German.*

Prerequisite: German 151-152 or two to three units of high school German. Grammar review and conversation; reading of modern German texts. Three periods a week. Six credits.

#### German 155-156—*German Conversation.*

Prerequisite: sophomore standing or proof of proficiency at this level. Two periods a week. Two credits.

#### German 251-252—*Introduction to German Literature and Civilization.*

Prerequisite: German 153-154 or four units of high school German. A study through selected texts of the literary and cultural background of the German people. Three periods a week. Six credits.

THE PREREQUISITE FOR 300 AND 400 LEVEL COURSES IS SATISFACTORY COMPLETION OF GERMAN 251-252, OR PERMISSION OF THE INSTRUCTOR.

**German 351-352—***Advanced Grammar and Composition.*

Required of majors. Three periods a week. Six credits.

**German 355, 356+—***German Literature from the Earliest Times Through the Eighteenth Century.*

Emphasis on the epic of the Middle Ages, the literature of the Baroque Period and the Age of Enlightenment. Three periods a week. Three credits each semester.

**German 357, 358+—***German Classicism and Romanticism.*

Fall semester: literature of the classic movement; spring semester: literature of the romantic schools. Three periods a week. Three credits each semester.

**German 451, 452—***Nineteenth Century Literature.*

Lectures, readings, and reports. Three periods a week. Three credits each semester.

**German 453-454—***Advanced German Conversation.*

Required of majors unless excused after examination by the department. Two periods a week. Two credits.

**German 455, 456+—***Modern German Literature.*

A study of representative works from 1890 to the present. Three periods a week. Three credits each semester.

**German 457, 458—***Goethe's "Faust."*

A thorough study and interpretation of this great masterpiece and its background. Three periods a week. Three credits each semester.

**German 459, 460+—***Readings in German.*

Open to seniors by permission of the department. One period a week. One credit each semester.

**German 461, 462 +—***Goethe's Faust in Translation.*

Taught in English. Not accepted as Foreign Language requirement toward degree. Two hours a week. Two credits each semester.

**German 491—***Independent Study.*

Individual study under the direction of a member of the staff. Three credits a semester for not more than two semesters. (By permission of the department.)



### **German for Graduate Reading Examinations.**

An intensive non-credit course in reading German offered to individuals working on graduate degrees. It is designed to prepare the individual for foreign language examinations given to fulfill requirements toward a Masters or Ph.D. degree.

## **Italian**

### **Italian 161-162—*Beginning Italian.***

For students who enter college with fewer than two units of high school Italian. Fundamentals of grammar and pronunciation; reading and conversation. Five periods a week, two in the laboratory. Six credits.

### **Italian 163-164—*Intermediate Italian.***

Prerequisite: Italian 161-162 or two units of high school Italian. A review of grammatical principles; readings of selected texts, collateral reading. Three periods a week. Six credits.

### **Italian 165-166—*Italian Conversation.***

Prerequisite: Italian 161-162 or two years of high school Italian. Two periods a week. Two credits.

### **Italian 261-262—*Introduction to Italian Literature and Civilization.***

Prerequisite: Italian 163-164 or four units of high school Italian. A study based on Italian texts of the literary and cultural history of Italian people. Three periods a week. Six credits.

### **Italian 263, 264+—*Dante in Translation.***

A study of Dante's Divine Comedy together with background material both literary and historical of the thirteenth and fourteenth centuries. This course will be given in English. Not accepted as part of the foreign language requirement for a degree. Two periods a week. Two credits each semester.

### **Italian 361, 362+—*Nineteenth Century Literature.***

Readings from Italian literature with emphasis on the novel and drama of the nineteenth century. Three periods a week. Two credits each semester.

### **Italian 461, 462 +—*Dante.***

A study of Dante's Divine Comedy and the early Italian poets. Three periods a week. Three credits each semester.

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COURSE  
OFFERINGS  
*Modern Foreign  
Languages*

**Italian 491—*Independent Study.***

Individual study under the direction of a member of the staff. Three credits a semester for not more than two semesters. (By permission of the department.)

**Japanese**

**Japanese 181-182—*Beginning Japanese.***

For students beginning the study of Japanese. Five periods a week, one of which is scheduled to the laboratory. Six credits.

**Japanese 183-184—*Intermediate Japanese.***

Prerequisite: Japanese 181-182. Four periods a week. Six credits.

**Portuguese**

**Portuguese 141-142—*Beginning Portuguese.***

For students who enter college with fewer than two units in high school Portuguese. Grammar and readings; conversation based on the Brazilian pronunciation. Five periods a week, two in the laboratory. Six credits.

**Portuguese 143-144—*Intermediate Portuguese.***

Prerequisite: Portuguese 141-142 or two to three units in high school Portuguese. A brief review of grammar; reading and discussion of modern Brazilian literature, conversation. Three periods a week. Six credits.

**Portuguese 491—*Independent Study.***

Individual study under the direction of a member of the staff. Three credits a semester for not more than two semesters. (By permission of the department.)

**Russian**

**Russian 171-172—*Beginning Russian.***

For students who enter college with fewer than two units in Russian. The basic vocabulary and fundamental grammatical structure of the language; practice in conversation and reading of easy Russian texts. Five periods a week, two of them in the laboratory. Six credits.

**Russian 173-174—*Intermediate Russian.***

Prerequisite: Russian 171-172 or equivalent. Thorough review of grammar; reading of selected texts from modern prose writers; conversation on topics of current interest. Three periods a week. Six credits.

**Russian 271-272—*Introduction to Russian Literature and Civilization.***

Prerequisite: Russian 173-174 or equivalent. Readings and discussion of excerpts and short works with emphasis on nineteenth century literary masters and their times. Three periods a week. Six credits.



**Russian 273-274—*Russian Conversation.***

Prerequisite: Russian 171-172 or equivalent. Two periods a week. Two credits. (On sufficient demand only)

**Russian 371-372—*Soviet Russian Literature.***

Prerequisite: Russian 173-174 or equivalent. Reading and analysis of representative works by Soviet Russian writers such as Gor'kii, Sholokhov, Maiakosvkii, Leonov, Fadeev, Pasternak, and others. Three periods a week. Six credits.

**Russian 377—*Russian Literature in English Translation—XIX Century***

No knowledge of Russian required. Will not fulfill the language requirement. Core course for Russian Studies major. Readings, discussions, and lectures with emphasis on nineteenth century writers—Pushkin, Lermontov, Gogol', Turgenev, Dostoevskii, Tolstoi, and others. Three periods a week. Three credits.

**Russian 378—*Russian Literature in English Translation—XX Century***

No knowledge of Russian required. Will not fulfill the language requirement. Core course for Russian Studies major. Readings, discussions, and lectures with emphasis on twentieth century writers—Gor'kii, Blok, Bulgakov, Zamiatin, Sholokhov, Leonov, Fadeev, Pasternak, Evtushenko, Solzhenitsyn, and others. Three periods a week. Three credits.

**Russian 491—*Independent Study.***

Individual study under the direction of a member of the staff. Three credits a semester for not more than two semesters. (By permission of the department.)

**Spanish**

Students who choose a major program in Spanish must take thirty-six credits in Spanish and related subjects. These credits are to be distributed in the following manner.

1. Twenty-four credits in Spanish, chosen from courses numbered 300 or higher and including a six-hour course in Spanish-American Literature. Spanish 327-328 and Spanish 433-434 are also required unless the student is excused after an examination by the department.
2. In related fields, twelve credits selected from the following:  
Two courses in the 100 group from another foreign language ..... 12 credits  
A course in the 200 group from another foreign language ..... 6 credits  
A course in the 300 or 400 group from another foreign language ..... 6 credits  
History 359, 360, History of Spain,  
History 357, 358, Latin American History and

History 451-452, Social and Intellectual History of Latin America .....12 credits  
 English 335, 336, Nineteenth Century English or English 365, 366, Modern English Literature ..... 6 credits  
 Philosophy 322, Medieval Philosophy, and Philosophy 401, Philosophy Since the Renaissance ..... 6 credits  
 Courses in Geography or Political Science of Latin American content..... 6 or more credits

Spanish majors must complete during their junior and senior years readings outlined by their advisers to cover periods of literature never studied in class. Each Spanish major should live in the Spanish House during at least one year of her college course.

**Spanish 121-122—*Beginning Spanish.***

For students who enter College with fewer than two units of High School Spanish. Five hours a week, two of them in the laboratory. Six credits.

**Spanish 123-124—*Intermediate Spanish.***

Prerequisite: Spanish 121-122 or two or three units of high school Spanish. Conversation and composition; varied readings; review of grammatical principles; practice in the language laboratory. Three periods a week. Six credits.

**Spanish 214—*Studies in Language I.***

Grammar and composition. Recommended for majors. Open to students who have completed four years of high school Spanish or Spanish 123-124. Three periods a week. One semester. Three credits. THIS COURSE MAY NOT BE SELECTED TO SATISFY THE LANGUAGE REQUIREMENT.

Prerequisites for 200-level courses are satisfactory completion of Spanish 123-124 and/or proof of proficiency at this level.

**Spanish 219-220—*Introduction to Spanish-American Literature.***

Selected readings from the works of great writers of various periods. Three periods a week. Six credits.

**Spanish 221-222—*Introduction to Spanish Literature.***

Prerequisite: Spanish 123-124 or four units of high school Spanish. Readings from the works of the great writers of various periods. Three periods a week. Six credits.

**Spanish 225-226—*Spanish Conversation.***

A course offered especially for majors or those living in the Spanish House, but open to others with the permission of the instructor. Two periods a week. Two credits.

**Spanish 227, 228+—** *Spanish and Spanish American Civilization.*

A survey of Spanish and Spanish American History and institutions, with attention devoted to their ethnic, political, and artistic aspects. THIS COURSE MAY NOT BE SELECTED TO SATISFY THE LANGUAGE REQUIREMENT. Three periods a week. Three credits each semester.

**Spanish 231—** *The Novelas Ejemplares and Entremeses of Cervantes.*

Three periods a week. Three credits.

**Spanish 232—** *The Drama of the Golden Age.*

Three periods a week. Three credits.

**Spanish 233—** *Drama of Spain after 1850.*

Three periods a week. Three credits.

**Spanish 234—** *Spanish Fiction of the Nineteenth Century.*

Three periods a week. Three credits.

**Spanish 235—** *Poetry of Spain.*

Three periods a week. Three credits.

**Spanish 236—** *The Generation of 1898 in Spain.*

Three periods a week. Three credits.

**Spanish 237—** *The Poetry of Spanish America.*

Three periods a week. Three credits.

**Spanish 238—** *The Literature of Mexico and Central America.*

Three periods a week. Three credits.

**Spanish 239—** *The Fiction of Spanish America.*

Three periods a week. Three credits.

**Spanish 240—** *The Essay of Spanish America.*

Three periods a week. Three credits.

THE PREREQUISITE FOR 300 AND 400 LEVEL COURSES IS THE SATISFACTORY COMPLETION OF SIX HOURS OF 200 LEVEL LITERATURE CLASSES AND/OR PERMISSION OF THE INSTRUCTOR.

**Spanish 321, 322+—** *Literature of the Middle Ages, Renaissance, and Eighteenth Century.*

Three periods a week. Three credits each semester.

**Spanish 325—** *Nineteenth Century Romanticism.*

Three periods a week. Three credits.

**Spanish 326—** *Post-Romantic Drama and Poetry.*

Three periods a week. Three credits.

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COURSE  
OFFERINGS  
*Modern Foreign  
Languages*

**Spanish 327-328—*Studies in Language II.***  
Advanced composition and grammar. Required of majors. Three periods a week. Six credits.

**Spanish 329—*Spanish American Literature of the Period of the Conquest.***  
Three periods a week. Three credits.

**Spanish 330—*Spanish American Literature of the XVII and XVIII Centuries.***  
Three periods a week. Three credits.

**Spanish 331, 332—*The Novel of the XIX Century.***  
Three periods a week. Three credits each semester.

**Spanish 421—*The Drama of the XX Century.***  
Three periods a week. Three credits.

**Spanish 422—*Poetry of the XX Century.***  
Three periods a week. Three credits.

**Spanish 423, 424+—*Twentieth Century Prose.***  
Three periods a week. Three credits each semester.

**Spanish 425, 426+—*Drama and Poetry of the Golden Age in Spain.***  
Three periods a week. Three credits each semester.

**Spanish 427, 428+—*The Novel of the Golden Age in Spain.***  
Three periods a week. Three credits each semester.

**Spanish 429, 430+—*Nineteenth Century Literature in Spanish America.***  
Three periods a week. Three credits each semester.

**Spanish 431, 432+—*Twentieth Century Literature of Spanish America.***  
Three periods a week. Three credits each semester.

**Spanish 433, 434—*Advanced Conversation.***  
Required of majors unless excused after examination by the department.  
Two periods a week. Two credits.

**Spanish 435, 436 —*Readings in Spanish.***  
Open to seniors with permission of the department. Three periods a week, three credits each semester.

**Spanish 491—*Independent Study.***  
Individual study under the direction of a member of the staff. Three credits each semester for not more than two semesters. (By permission of the department.)



**MUSIC/Professor** GEORGE E. LUNTZ, Chairman; *Professor* BULLEY; *Associate Professors* CHAUNCEY, EDSON, HAMER, L. HOUSTON, LEMOINE; *Assistant Professor* BAKER; *Instructors* CHALIFOUX, FICKETT, SABINE.

The Department of Music offers a major program in music as well as courses that can be chosen as electives by students whose primary interests are in other fields.

The Department of Music is an Institutional Member of the National Association of Schools of Music, and its courses are fully accredited by that organization.

A major program requires that a student pass a preliminary audition and basic test, earn a minimum of thirty-six credits in music, demonstrate functional proficiency in piano, and acquire the ability to perform well in some area of applied music.\*\*

Twenty-four credits must be taken in the following courses:

Music 181-182, Harmony and Ear Training .....6 credits

Music 281-282, Advanced Harmony and Ear

Training.....6 credits

Music 305, 306, History of Music.....4 credits

Music 391-392, Counterpoint .....4 credits

Music 491-492, Form and Analysis .....4 credits

Students majoring in music should take Music 181-182 in the freshman year.

Twelve additional credits are to be taken in courses selected from the following:

Music 291, History of Musical Instruments

Music 315, Twentieth Century Music

Music 321-322, Conducting

Music 395, 396, Orchestration

Music 175, 176, 275, 276, Band and Orchestra Instruments

Music 405, 406, Choral Music

Music 407, 408, Music and English Literature

Music 415, 416, Opera

Music 421, 422, Studies in Musical Style

Music 493-494, Independent Study

Music 495, 496, Composition

Applied Music

It is also possible for students to take courses in music in addition to those required by the major program. These courses may be considered as electives in fulfilling degree requirements. However, each student majoring in music should plan her work in consultation with the chairman of the department.

\*On leave 1969-70.

\*\*No Fees For Applied Music.

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**COURSE  
OFFERINGS**  
*Music*

The following courses are suggested as valuable electives for the student majoring in music:

Art 111 and 112, Art History

Dramatic Arts 211, Survey of World Theatre

Philosophy 212, Aesthetics

In order to qualify for a Virginia teaching certificate in music, students should also take the necessary courses in psychology, including three semester hours in Child Psychology or Adolescent Psychology; six semester hours in School Music; and six semester hours in Supervised Teaching in Music.

Six semester hours of social science in addition to History of the United States and six semester hours of mathematics are required for Virginia teacher certification.

Teacher certification in Virginia also requires eighteen semester hours in performance instruction. This includes courses in conducting, instrumental classes, participation in chorus, band, or other regular ensemble groups, and individual instruction in applied music.

### Theory of Music

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## COURSE OFFERINGS

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### *Music*

#### **Music 181-182— *Harmony and Ear Training.***

Fundamentals of music chord-structure and progressions. Figured bass and given melodies, dominant sevenths. Original work. Melodic, rhythmic, and harmonic dictation, sight-singing and keyboard harmony. Five periods a week. Six credits.

#### **Music 281-282— *Advanced Harmony and Ear Training.***

Prerequisite: Music 181-182. Advanced harmony and its use in traditional musical styles. Modulation, complete dominant harmony, altered chords, and enharmonic relationships. Harmonic analysis. Keyboard and ear training skills. Five periods a week. Six credits.

#### **Music 285, 286+— *Instrumental Sight Reading.***

(Enrollment by permission of instructor.) Class designed to increase sight-reading ability by means of both playing and following the printed score. Also a retainer course for those who wish to keep up their instrumental technique, whether they are currently studying or not. Two periods a week. No credit.

#### **Music 301, 302; 311, 312+— *School Music.***

Essentials of school music materials and procedures involved in teaching songs, rhythmic and instrumental work, and listening. Coordination with other subjects. Course 301-302 (Two hours a week. One credit each semester.) is for non-music majors expecting to teach in the elementary grades. Course

311, 312 (Three hours a week. Three credits each semester.) is for music majors who expect to teach music in elementary or secondary schools.

**Music 321, 322+— *Conducting.***

Principles and techniques of conducting, including the study of materials, arranging, and program planning. First semester, choral conducting; second semester, instrumental conducting. Two periods a week. Two credits each semester.

**Music 391-392— *Counterpoint.***

Prerequisite or co-requisite: Music 281-282. Elementary contrapuntal techniques, including double counterpoint at the octave. Two periods a week. Four credits.

**Music 395, 396— *Orchestration.***

Techniques of instrumental scoring considered historically and creatively. Two periods a week. Four credits.

**Music 491, 492— *Form and Analysis.***

Prerequisite: Music 281-282. Structural and harmonic analysis of both large and small forms of composition. Two periods a week. Four credits.

**Music 495, 496— *Composition.***

Prerequisite: Music 281-282. Creative work in smaller forms. Correlative study of traditional and contemporary compositional practices. Two periods a week. Four credits.

**History and Literature of Music.**

**Music 111, 112+— *Survey of Music.***

General survey of music and its relationship to general culture and history. Three periods a week. Three credits each semester.

**Music 291— *The History of Musical Instruments.***

A study of the evolution of musical instruments in western culture from antiquity through the present day with emphasis on performance practices of the times and their relationships to the symphony orchestra. Two periods per week. Two credits.

**Music 305, 306+— *History of Music.***

Study of the development of music from ancient to modern times with special correlation of historical and cultural trends. Two periods a week. Two credits each semester.

**Music 315— *Twentieth Century Music.***

Prerequisite: Music 111-112 or Music 305, 306 or special permission of the instructor. The study of twentieth century practices in musical composition and their relationships to the historical developments in music. Two periods a week. Two credits. Offered each semester.

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**COURSE  
OFFERINGS**

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*Music*

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**Music 405, 406<sup>+</sup>— Choral Music.**

Study of sacred and secular choral literature, including both the vocal and interpretative aspects. Consideration of textual as well as musical content. Two periods a week. Two credits each semester. (Offered in alternate years. Not offered in 1969-70.)

**Music 407, 408<sup>+</sup>— Music and English Literature.**

A study of musical compositions inspired by English literature from Chaucer to the present day. (A theoretical and practical background of music is not essential for this course) Two periods a week. Two credits each semester. (Offered in alternate years. Not offered in 1969-70.)

**Music 415, 416<sup>+</sup>— Opera.**

Literary and musical development of the opera; staging and scenic devices. Comparison of operatic styles through study and listening. Two periods a week. Two credits each semester. (Offered in alternate years. Offered in 1969-70.)

**Music 421-422<sup>+</sup>— Studies in Musical Style.**

A study of style related to period, nationality, and individual composers. Two periods a week. Four credits. (Offered in alternate years. Offered in 1969-70.)

**Music 493, 494<sup>+</sup>— Independent Study.**

Individual study under the direction of a member of the music department faculty. From two to six credits. (By permission of the department.)

**Band and Orchestra Instruments**

**Music 175, 176— Beginning String Instruments.**

Class study of playing techniques on string instruments, including reference to their historical development and literature. Two periods a week. Two credits for the session. (Not offered in 1969-70.)

**Music 275— Beginning Woodwind and Percussion Instruments.**

Class study of playing techniques on woodwind instruments and on snare drum, including reference to their historical development and literature. Two periods a week, first semester. One credit. (Offered in 1969-70.)

**Music 276— Beginning Brass and Percussion Instruments.**

Class study of playing techniques on brass instruments and on percussion instruments, including reference to their historical development and literature. Two periods a week, second semester. One credit. (Offered in 1969-70.)

**Band, Chorus, And String Ensemble**

The College maintains a concert band, chorus, and string ensemble. Any student may, with the permission of the conductor, participate in the band, chorus, or string ensemble, but will be



allowed a combined maximum of six credits in ensemble participation. However, band, chorus, or string ensemble may be taken without credit. Each organization has two rehearsals a week and gives one credit each semester.

### **Individual Instruction in Music**

Individual lessons in voice, piano, organ, violoncello, harp, and woodwinds are offered by the department.

Credit is allowed for a maximum of twelve semester hours in individual instruction.

For study of above named subjects one credit is allowed for one half-hour lesson a week plus one hour of practice daily; two credits are allowed for one one-hour lesson or two half-hour lessons a week plus two hours of practice daily.

Instructors in individual lessons are: Mrs. Anne Hamer, violoncello and piano; Mrs. Yvonne Sabine, voice; Mrs. Jean Edson, organ; Mr. Levin Houston, piano; Mr. Bernard Lemoine,\* piano; Mrs. Martha Fickett, piano; Mr. George Luntz, voice; Mr. James Baker, woodwinds; Miss Jeanne Chalifoux, harp.

\*On leave 1969-70.

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## **COURSE OFFERINGS**

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*Music*



**PHILOSOPHY**/*Professor* GEORGE M. VAN SANT, Chairman;  
*Professor* LEIDECKER; *Assistant Professors* BONYHARD, SNYDER.

Students who choose a major program in philosophy complete at least twenty-four credits in philosophy in addition to the philosophy 101, 102 course required of all students for the Bachelor of Arts degree. Students also complete twelve credits in related subjects. These subjects are to be selected in consultation with the student's adviser. Any 300 or 400 course in appropriate departments is acceptable (exceptions are Classics and Religion department courses numbered 201 and 202). A list of courses recommended as related fields is available from the department.

Majors in philosophy are expected to include at least four of the five following courses comprising the history of philosophy: Philosophy 321, 322, 371, 372, 373. Majors are required to do some reading that is pertinent to those philosophy courses in which they do not enroll. This complementary reading may be done at any time during the student's junior or senior years. The list of readings is available from the department.

A program of Independent Study (tutorial) is offered to highly qualified students upon approval by the department. This may apply to Philosophy 102 or to specialization in the work of a single philosopher or philosophical problem.

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**COURSE  
OFFERINGS**

*Philosophy*

**Philosophy 101, 102—*Problems in Philosophy.***

Open to freshmen and sophomores only. An introduction to philosophical methods and concepts. Three periods a week. Six credits.

Philosophy 101, 102 meets the basic degree requirement (alternate with mathematics) for the Bachelor of Arts degree and must be taken in the freshman or sophomore year. In exceptional cases, such as transfer students admitted at the beginning of their junior year, the basic requirement may be met by earning six credits in the following courses:

Philosophy 221, Introductory Logic; 406, Advanced Logic;

Philosophy 321, Greek Philosophy;

Philosophy 322, Medieval Philosophy;

Philosophy 371, 17th and 18th Century Philosophy;

Philosophy 372, Kant;

Philosophy 373, 19th and 20th Century Philosophy.

**Philosophy 103—*Independent Study.***

The content of Philosophy 102 when done as a tutorial by highly qualified students under the direction of a member of the staff. Three credits.

**Philosophy 211—*Ethics.***

An introductory study of a variety of moral theories and an examination of terms used in moral assessment, with particular reference to such problems as the status and justification of moral judgments, and the nature of disagreement in moral issues. Three periods a week. Second semester. Three credits.

**Philosophy 212—*Aesthetics.***

An examination of a variety of attempts to validate norms of taste and of criticism. Attention is given to problems specific to particular art forms as well as to the more general theories about the nature of art, and of responses to it. Three periods a week. First semester. Three credits.

**Philosophy 221—*Introductory Logic.***

The elementary principles of valid reasoning to introduce the arts and sciences student to logic and language, elementary symbolic logic and simple deductive systems. Three periods a week. First semester. Three credits.

**Philosophy 304—*American Philosophy.***

A study of philosophical ideas in America from colonial times to their reorientation between World Wars I and II. Special emphasis is given to pragmatism. Three periods a week. Three credits.

**Philosophy 311—*Philosophies of India.***

An approach to the germinal philosophic thoughts of the Vedas, Upanishads, and Bhagavad Gita, leading up to the classical philosophic systems of Sankhya, Yoga and Vedanta, with a tangential treatment of Jainism, Tantra and Kashmir Shaivism. Three periods a week. First semester. Three credits.

**Philosophy 312—*Philosophies of China and Japan.***

A study principally of Taoism and Confucianism and of schools based on or in opposition to these, with emphasis on the idiosyncratic contributions of the Chinese language to thought, the impact of Buddhism, and the further development of concepts and systems in Japan. Three periods a week. Second semester. Three credits.

**Philosophy 313—*The Philosophy of Buddhism.***

A survey of the ethics of the Buddha, the Abhidhamma portion of the buddhist canon, the main schools of the Theravada and Mahayana traditions with their principal exponents, and the origin and meaning of Zen. Three periods a week. Second semester. Three credits. (Offered in alternate years, not offered in 1970-71.)

**Philosophy 321—*Greek Philosophy.***

A study primarily of selected works of Plato and Aristotle with special attention given to the origin and development of epistemological and metaphysical problems. Three periods a week. First semester. Three credits.

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**COURSE  
OFFERINGS**

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***Philosophy*****Philosophy 322—*Medieval Philosophy.***

A survey of scholastic philosophy. Special consideration is given to the works of Augustine, Thomas Aquinas and William of Ockham. Three periods a week. Second semester. Three credits.

**Philosophy 331—*Philosophies of History.***

A survey of philosophical attempts to construct theories concerning the patterns of history. Two periods a week. Two credits.

**Philosophy 343—*Existentialism and Phenomenology.***

A study of recent philosophical developments in the continental European tradition. Includes such writers as Kierkegaard, Nietzsche, Husserl, Heidegger, Marcel, Merleau-Ponty, Jaspers, and Sartre. Three periods a week. Three credits.

**Philosophy 344—*History of Scientific Thought.***

A study of the classics in the development of scientific thinking. Special attention is given to the significant discoveries, the methods and the pre-suppositions which have characterized the different phases of the development of science. Prerequisite: Eight semester hours of laboratory science. Three periods a week. Second semester. Three credits. (Offered in alternate years, offered in 1970-71.)

**Philosophy 352—*Philosophy East and West.***

A study of basic concepts in ethics, aesthetics, logic and metaphysics embodied in the philosophical, religious and literary patterns of various Oriental cultures and a comparison of them with similar patterns in Western civilization with the objective of tracing parallels and influences and bringing to light differences as well as identities with implications for developing contemporary and global perspectives. Three periods a week. First semester. Three credits (Offered in alternate years, not offered in 1970-71.)

**Philosophy 361—*Metaphysics.***

A study of problems such as being, reality, space, time, causality, chance, freedom, and identity that are basic to an intellectual comprehension of the universe and the processes of mind and nature. Three periods a week. Three credits. (Offered in alternate years, offered in 1970-71.)

**Philosophy 371—*17th and 18th Century Philosophy.***

A survey of major thinkers from Descartes to Hume, with particular emphasis on the relation and contributions of these thinkers to contemporary thought. Three periods a week. Three credits.

**Philosophy 372—*Kant.***

A systematic study of selected major works of Immanuel Kant. The impact of Kant's thought on subsequent philosophical views is emphasized. Three periods a week. Three credits.



**Philosophy 373—19th and 20th Century Philosophy.**

A critical consideration of major thinkers and movements from Hegel to the present. Three periods a week. Three credits.

**Philosophy 406—Advanced Logic.**

Theory of formal systems; applied criteria of consistency, completeness, and decisional procedures. The development of quantification theory. Godel's proof, approaches to the justification of logic, and other advanced topics. Prerequisite: Philosophy 221 or completion of six hours in mathematics. Three periods a week. Second semester. Three credits.

**Philosophy 408—Meta-ethics.**

A systematic and critical consideration of major ethical theories of the twentieth century. Readings include Moore, Ross, Stevenson, Ayer, Hare, Strawson, Nowell-Smith, and Sartre. Prerequisite: Philosophy 101, 102 or Philosophy 211. Three periods a week. Three credits.

**Philosophy 420—Contemporary Epistemology.**

An examination of contemporary approaches to and problems about the nature of knowledge. Topics will include perception, meaning, the analytic-synthetic distinction, ontological commitment, etc. Three periods a week. Three credits.

**Philosophy 421—Symbolism.**

A course dealing with the philosophic basis of symbol formation as a universal category. Origin, function and value of symbol and metaphor are traced in diverse cultures, from primitive to Oriental and Western, and as many fields as possible from meta-psychology, religious iconography, myth construction and art to the humanistic disciplines, literature and system building in metaphysics. Three periods a week. First semester. Three credits. (Offered in alternate years, offered 1970-71.)

**Philosophy 490—Readings in Philosophy.**

Open to all philosophy majors and otherwise qualified students of junior and senior status who desire to become more familiar with the philosophical literature in a field previously selected by the philosophy department after consultation with the students. The emphasis is upon intensive reading, with group discussion of the selections read. Three periods a week. Three credits.

**Philosophy 491, 492—Independent Study.**

Tutorial under the direction of a member of the staff. Three to six credits (by permission of the department).

**PHYSICS/ Assistant Professor BULENT I. ATALAY, Chairman;  
Associate Professors EDSON, NIKOLIC; Instructors DRUZBICK, PITTS.**

A major program in physics requires thirty-six semester hours of credit, of which thirty must be in physics, including Physics 251-252, 391-392, and six must be in Mathematics 211-212.

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**COURSE  
OFFERINGS**  
*Physics*

**Physics 101-102—General Physics (Non-Calculus)**

An introductory course in general physics stressing conceptual rather than mathematical aspects. Three single and one double period a week. Four credits each semester.

**Physics 151-152—General Physics (Calculus).**

Corequisite: Math 211-212 or equivalent. Three periods and one double period a week. Four credits each semester.

**Physics 153-154—Physics Problems.**

Recitation section for 151-152. One period a week. One credit each semester.

**Physics 211—Modern Physics I: Atomic Physics.**

Foundations of quantum mechanics, atoms with one electron, multi-electron atoms, molecules, solids. First semester. Four credits.

**Physics 212—Modern Physics II: Nuclear Physics.**

Nuclear structure, static and dynamic properties; fundamental particles. Second semester. Four credits.

**Physics 251—Classical Mechanics I.**

Prerequisite: Physics 102 or 152 or equivalent; Math 212. Kinematics and dynamics of a mass particle, conservation laws, central forces, generalized coordinates, Lagrange and Hamiltonian methods, First semester. Three credits.

**Physics 252—Classical Mechanics II.**

Prerequisite: Physics 251 or equivalent. Kinematics and dynamics of a rigid body, Hamilton's equations of motion, small oscillations, special theory of relativity. Three periods a week. Second semester.

**Physics 391, 392—Electricity and Magnetism.**

Prerequisite: Math 212, Physics 152 or 252. A survey of the foundations of electromagnetic theory; including electrostatics, electromagnetic properties of matter, electric current analysis, electromagnetic induction, Maxwell's equations, special theory of relativity and elementary circuit theory (AC and DC). Emphasis will be on lectures and limited laboratory demonstrations. Three periods a week. Three credits each semester.

**Physics 393—Optics.**

Prerequisite: Math 212. An introduction to the theory of physical optics (Huygen's wave model of light) as applied to interference, diffraction, polarization, phase and group velocity of light. Course includes both lectures and a laboratory based on the observation and interpretation of basic optical effects. Three periods and one lab per week. First semester. Three credits.

**Physics 394—Electronics.**

Prerequisite: Physics 391. An introduction to the theory and operation of electronic instruments and basic circuits. The course will include a discussion

of electrical measurements and measuring instruments, and basic circuit analysis (power supplies, amplifiers, oscillators, switching and timing circuits) using both vacuum tubes and transistors. Limited lectures with emphasis on laboratory work. Second semester. Three credits.

**Physics 401, 402—*Methods of Theoretical Physics.***

Prerequisites: Math 212. Vectors and matrices, coordinates, functions of a complex variable, differential equations and application, Fourier and Laplace transformations, special functions in physics, finite and infinite dimensional vector spaces, variational methods, tensors, group theory. Three periods each week. Three credits each semester.

**Physics 451—*Thermal Physics I: Thermodynamics.***

Prerequisite: Math 212. Temperature, thermodynamic states and variables, the laws of thermodynamics, entropy, thermodynamic potentials, change of phase. Three periods a week. Three credits. Mr. Nikolic.

**Physics 452—*Thermal Physics II: Statistical Mechanics.***

Prerequisites: Same prerequisites as Physics 451, and Physics 201. Ensembles, microcanonical, canonical, and grandcanonical distributions, Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac distributions. Three periods a week. Three credits.

**Physics 471-472—*Quantum Mechanics.***

Prerequisites: Physics 252. The concepts and formulation of quantum physics. Quantum mechanics, the Hamiltonian operator, and Schrodinger's equation, the harmonic oscillator, matrix formulation of quantum mechanics, angular momentum, scattering theory, perturbation theory, multi-particle systems. Three periods a week. Three credits each semester.

**Physics 473—*Solid State Physics.***

Crystal structure, diffraction, reciprocal lattice, elastic constants and elastic waves, phonons, thermal properties, Fermi gas model, energy bands, semiconductor crystals, superconductivity. Three periods a week. First semester. Three credits.

**Physics 476—*Nuclear Physics.***

Prerequisites: Physics 202. Corequisite: Physics 471-472. Mass, size, and constitution of nuclei, nuclear models, two-body forces, scattering reactions, introduction to elementary particles. Three periods each week. Second semester. Three credits.

**Physics 481, 482—*Physics Seminar.***

Open to third and fourth year Physics students only. One period per week.

**Physics 491-492—*Independent Study.***

Open to Senior Physics Majors only. Three credits.

**Physics 493-494—Honors in Physics.**

Open to Senior Physics Majors, who have satisfied the required grade-point average. Four credits.

**PSYCHOLOGY/Assistant Professor ROY B. WEINSTOCK**, Acting Chairman; *Professor DODD*; *Associate Professor M. A. KELLY*; *Assistant Professors PHIFER, CHIPMAN, RABSON, GARSKOF, DOBSON, MAC EWEN.*

A major program in psychology requires thirty-six credits in psychology and related fields of study, and the taking of a comprehensive examination in psychology in the student's senior year.

Of the thirty-six required credits, twenty-four must be earned in courses in psychology other than Psychology 201-202. Statistics, History of Psychology, and one semester of Experimental Psychology are required courses for all major students who wish to receive a Bachelor of Arts degree. Those students electing a Bachelor of Science degree must meet the general requirements as stated on page 74: In addition, these students must take one year of Experimental Psychology and take their related fields in the natural sciences. Twelve hours from specific related fields of study or in advanced courses in psychology should be selected by the student in consultation with her departmental adviser.

Psychology 201-202, General Psychology, is a prerequisite for all 300 level and 400 level courses.

**Psychology 201-202—General Psychology.**

Fundamental principles of human behavior; biological antecedents; motivation; perception; learning; individual differences; intelligence; and personality. Three periods a week. Six credits. Not open to freshmen.

**Psychology 261—Elementary Statistics.**

A consideration of basic statistical concepts such as central tendency, variability, and probability; a study of inferential techniques including correlation, regression, t-tests, analysis of variance, and chi-square. Three periods a week. Three credits.

**Psychology 301—Social Psychology.**

The interrelationships between the individual and his social environment. Social influences upon motivation, perception, and behavior. The development of change of attitudes and opinions. Psychological analysis of small groups, social stratification, and mass phenomena. Three periods a week. Three credits.

**Psychology 311—Abnormal Psychology.**

Abnormalities of sensation, perception, memory, thinking, emotion, intelligence, motor activity, and personality; study of neurotic and psychotic syndromes. Three periods a week. Three credits each semester.



**Psychology 331—*Developmental Psychology: The Infant and Child.***

The study of human development from conception through childhood. Emotional, intellectual, social, and physical growth will be examined. Special attention will be focused on current research and theories. Three periods a week. Three credits.

**Psychology 332—*Developmental Psychology: The Adolescent and Adult.***

The study of human development from adolescence through old age. There will be special emphasis on adolescent changes in personality, intellectual capacities, physical characteristics, and life goals. Current research and theories on adolescence, adult behavior, and aging will be considered. Three periods a week. Three credits.

**Psychology 342—*Psychology of Personality.***

A study of personality structure, dynamics, development, and methods of research. Three periods a week. Three credits.

**Psychology 345—*Psychology of Learning.***

An analysis of the theoretical issues and/or experimental bases of learning. Both human and infrahuman research will be considered. Three periods a week. Three credits.

**Psychology 362—*Psychology of Exceptional Children.***

A study of exceptional children—the physically handicapped; the mentally retarded; the mentally gifted; and the emotional deviate. A survey of current attempts to provide programs to meet the specialized needs of such children. Three periods a week. Three credits.

**Psychology 371—*Experimental Psychology: Operant Conditioning.***

Prerequisite: Psychology 261. An analysis of behavior utilizing the principles and procedures of operant conditioning. Laboratory work concentrated on the rat. Two lectures and one four-hour laboratory period a week. Four credits.

**Psychology 372—*Experimental Psychology: Sensation and Perception.***

Prerequisite: Psychology 261. Visual and auditory sensation will be examined using basic psychophysical methods. Fundamental perceptual phenomena will be analyzed. Scaling techniques will be presented. Three lectures and one two-hour laboratory period a week. Four credits.

**Psychology 373—*Experimental Psychology: Human Learning.***

Prerequisite: Psychology 261. An examination of method, data, and theory in human learning and memory research. Three lectures and one two-hour laboratory period a week. Four credits.

**Psychology 401—*Psychological Tests and Measurements.***

Prerequisite: Psychology 261. Theory of test construction; development, interpretation, and uses of tests of general and special abilities. Laboratory work illustrates the problems associated with testing and techniques of handling data. Three lectures and one two-hour laboratory period a week. Four credits.

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**COURSE  
OFFERINGS**  
*Psychology*

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**Psychology 421—*History of Psychology.***

A survey of the historical antecedents of modern psychology. Three periods a week. Three credits.

**Psychology 432—*Comparative Psychology.***

The study of the behavior of infrahuman organisms. Selected topics from both comparative psychology and ethology include tropisms, interactions of innate factors and learning, sensory capacities, and behavior morphology. Three periods a week. Three credits.

**Psychology 441, 442—*Individual Research.***

The problems studied will be determined by individual interests. Each student will be responsible for library investigation and/or research. By permission of the instructor. Hours to be arranged. Three credits.

**Psychology 446—*Physiological Psychology.***

A critical survey of the physiological correlates of behavior with special emphasis on neurophysiological mechanisms, psychopharmacology, neuroendocrine functions, motivations, learning, and conditioning. Laboratory work stresses the methods of physiological investigation. Three lectures and one two-hour laboratory period a week. Four credits.

**Psychology 451—*Psychology of Motivation.***

The study of the origins and development of motivating forces and their effects on behavior. Theory and/or experimental data will be considered. Three periods a week. Three credits.

**Psychology 470, 471, 472, 473—*Selected Topics in Psychology.***

A study of enduring and/or contemporary issues in psychology. Three periods a week. Three credits each semester.

**The Honors Program in Psychology**

A student may graduate with Honors in Psychology by meeting the following criteria:

1. An overall gradepoint average of 3.0 and a gradepoint average of 3.3 in psychology must be attained at the end of seven semesters' work.
2. The student must complete, with a minimum grade of B, Psychology 441 or 442 (Individual Research). This may be taken in the student's junior year if the instructor feels that the student is sufficiently prepared to execute adequately a research project.
3. The student must be at or above the 90th percentile on the Department's comprehensive examination.



**RELIGION/** *Associate Professor ELIZABETH A. CLARK, Chairman;*  
*Assistant Professor COOPER.*

A student majoring in religion must take at least 24 credits in religion courses (12 of which must be numbered 300 or higher) and 12 credits in related fields (all of which must be worked out in consultation with her adviser). A six credit seminar consisting of a year's work of readings and discussion culminating in the completion of a senior paper is required of all majors.

At the beginning of the second semester of her senior year, a major is required to pass a written examination in the field of religion which she has prepared for through introductory course work and private study. A make-up examination is offered when necessary.

A distinguished performance on the written examination and senior paper, in addition to a high grade average in religion course work, entitles a major to be graduated with Honors in Religion.

**Religion 101—Biblical Literature: *The Hebrew Bible.***

A study of the history, literature and religion of ancient Israel. First semester. Three credits.

**Religion 102—Biblical Literature: *The New Testament.***

A critical study of the origins and theological motifs of New Testament literature. Second semester. Three credits.

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COURSE  
OFFERINGS

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*Religion*

**Religion 201, 202<sup>+</sup>— *The Western Religious Heritage.***

An examination of the historical and theological development of Judaism and of Christianity (primitive, Roman Catholic and Protestant). Three periods; a week. Three credits each semester.

**Religion 213, 214<sup>+</sup>— *Modern Religious Thinking.***

A study of the problems that modernity poses for religious thought and faith. The first semester deals with the question and meaning of God, and the interpretation of man. The second semester deals with the problem of historical relativity, the meaning of a christology, and the character of a Christian ethic. The accent throughout is on contemporaneity. Three credits each semester.

**Religion 239—*Social Change and the Religious Perspective.***

A study of some of the major social problems that confront contemporary American life as seen from the perspective of a modern Christian faith. Readings in literature from the social sciences and theology. Three credits.

**Religion 301—*Readings in Hellenistic Religions.***

A study of the types of religious belief, including primitive Christianity, which emerge in the Hellenistic era. The accent throughout is on contemporary parallels. First semester. Three credits.

**Religion 306—*Early Christian Thought.***

Studies of the theology of the early church with special attention given to the development of Trinitarian and Christological thought. Second semester. Three credits.

**Religion 311—*Concepts of God.***

A critical analysis of traditional and contemporary conceptions of deity and an exploration of the meaning of God in relation to man's understanding of himself and his culture. Three credits.

**Religion 331—*Studies in Historical Theology.***

The intensive study of a particular problem, theologian, or historical era. 1969-70: Nineteenth Century Studies. Three credits.

**Religion 333—*The Shorter Writings of Whitehead.***

Readings and discussions of such works as *Science and the Modern World*, *Religion in the Making*, *Adventures of Ideas*. Emphasis will be placed on Whitehead's epistemological and religious ideas. Limited to students who have achieved some facility with religious or philosophical concepts. Three credits.

**Religion 366—*Theological Ethics.***

An attempt to discover the aspects that constitute moral selfhood. Readings in such thinkers as Royce, Buber, Niebuhr, Williams, Tillich and others. Three credits.



**Religion 401-402—Senior Seminar.**

The first semester's study involves all senior majors and staff in readings and discussion. The second semester of the seminar will be devoted to the preparation of a senior paper under the guidance of a department member. Students other than senior majors who have sufficient course work in Religion may register with permission of the department. Six credits for the year.

**Religion 491, 492, 493, 494—Independent Study.**

Individual work under the guidance of a member of the department. Three credits a semester. By permission of the department.

**SOCIOLOGY/Professor PHILIP J. ALLEN, Chairman; Professors L. C. CARTER, SLETTEN; Assistant Professor JESSEN; Instructor JONES.**

The major program in sociology requires thirty-six credits in sociology and related social sciences. Twenty-four of these required credits must be earned in sociology courses other than Sociology 201-202. The twelve additional credit hours in related fields may be selected from other social sciences in consultation with the departmental adviser.

**Sociology 201—Principles of Sociology.**

A study of the basic characteristics of group life; status, role, society, and culture; interaction between persons and groups. Three periods a week for the first semester. Three credits.

**Sociology 202—Social Problems.**

Social change; deviance; social and personal disorganization; mobility; delinquency, crime; political, industrial and other group conflicts. Three periods a week for the second semester. Three credits.

**Sociology 301-302—Introduction to Anthropology.**

First semester foci: history of anthropology, physical anthropology, and archaeology. Second semester foci: ethnology, ethnography, linguistics, and primitive art. Three periods a week. Six credits.

**Sociology 303—Culture and Personality.**

Prerequisite: six hours of sociology. Impact of culture and social structure upon the individual, and particularly of sociocultural norms and values upon personal attitudes and behavior, with some focus upon behavior disorders. Three periods a week for the first semester. Three credits.

**Sociology 311—Population.**

Prerequisite: six hours of sociology. Analysis of historical and contemporary population composition and change, and how demographic structure is related

to economic, political, religious and kinship structures. Three periods a week for first semester. Three credits.

**Sociology 312—*Migration.***

Prerequisite: six hours of sociology. Analysis of population movements, their causes, and effects. Foci: 19th and 20th century migrations and how these are related to contemporary economic and industrial development. Three periods a week for the second semester. Three credits.

**Sociology 313—*Urban Society.***

Origin, character and significance of urban and metropolitan communities. Common problems of city living; ecological factors in growth of cities and their influence upon social behavior. Three periods a week for the second semester. Three credits.

**Sociology 314—*Population Trends.***

World population trends, with special emphasis upon developing nations. Areas for intensive treatment: the "population explosion," its causes and consequences. Impact of population changes on world events. Three periods a week for the first semester. Three credits.

**Sociology 331—*The Family.***

Prerequisite: six hours of sociology or psychology. A historical, social-psychological and cultural study of sex behavior, mate selection, courtship, marriage and family relations. Three periods a week for the first semester. Three credits.

**Sociology 332-333—*Social Welfare Work.***

First semester foci: historical backgrounds, philosophies, values, goals, and issues of human welfare concerns; social welfare as a social institution. Second semester foci: social work as a profession; fields, methods, policies, and consequences of social action or inaction. Three periods a week. Three credits per semester.

**Sociology 341—*American Society.***

Analysis of major value patterns and institutions of American society and their interrelations, as well as of kinship, occupation, and authority systems. Three periods a week for the second semester. Three credits. (Offered in alternate years, offered in 1970-71.)

**Sociology 342—*Occupations and Social Structure.***

Analysis of major occupational roles; of relationships between occupation and kinship organization, as well as of social stratification, social philosophies, and political action. Three periods a week for the second semester. Three credits. (Offered in alternate years. Not offered in 1970-71.)

**Sociology 351—*Juvenile Delinquency.***

Prerequisite: six hours of sociology or psychology. A sociological analysis of the nature, extent, causes, impact and treatment of juvenile delinquency. Three periods a week for the first semester. Three credits. (Offered in alternate years. Offered in 1970-71.)

**Sociology 352—*Criminology.***

Prerequisite: six hours of sociology or psychology. Delinquency and crime; nature and extent; causal theories; impact; present trends and programs of treatment. Three periods a week for the second semester. Three credits.

**Sociology 353—*Social Control.***

Prerequisite: six hours of sociology or psychology. An analysis of social institutional norms; how they regulate and control individual behavior, inducing compliance with authority. Three periods a week for the first semester. Three credits. (Offered in alternate years. Not offered in 1970-71.)

**Sociology 362—*Methods of Social Research.***

Prerequisite: six hours of sociology. Methods of investigating selected problems of current importance with emphasis upon individual work. Three periods a week for the first semester. Three credits.

**Sociology 402—*Sociology of Child Development.***

Prerequisite: six hours of sociology or psychology. The emergence of personality with the child's socially defined roles in primary groups; social formation of attitudes through interaction with siblings, parents and peers. Three periods a week for the second semester. Three credits.

**Sociology 421—*Human Relations.***

Racial and ethnic groups in America; minority-group consciousness; marginal persons and groups; inter-group tension, conflict, accommodation and cooperation. Three periods a week for the second semester. Three credits.

**Sociology 422—*Sociology of Religion.***

Prerequisite: Sociology 201. A study of social factors in the origin, development and function of religious institutions, with emphasis upon the basic principles of Judeo-Christian tradition. Three periods a week for the first semester. Three credits.

**Sociology 432—*Sociology of Leadership.***

Prerequisite: six hours of sociology or psychology. Causes and consequences of social stratification and social mobility; impact of culture, social structure and social interaction upon occupational achievement, personal creativity, inventiveness and leadership. Three periods a week for the second semester. Three credits. (Offered in alternate years. Offered in 1970-71.)

**Sociology 481—*History of Social Theory.***

Prerequisite: six hours of sociology. A study of theories in the historical development of sociology. Three periods a week for the first semester. Three credits.

**Sociology 482—*Contemporary Sociological Theory.***

Prerequisite: six hours of sociology. An analysis of current sociological theory. Three periods a week for the second semester. Three credits.

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**COURSE  
OFFERINGS**  
*Sociology*

**Sociology 489, 490—*Individual Study and Research.***

Not a regularly given course, but available to qualified students with the agreement of members of the department. Reading and research with a project or paper, under the guidance of a member of the department. Offered as required either semester. Three credits.

**Sociology 491—*General Readings.***

Prerequisite: six hours of sociology. Selected works ranging over the "sociological classics." Three credits.

**Sociology 492—*Special Readings.***

Prerequisite: six hours of sociology plus Sociology 491. Selected readings from various specialized areas: cultural anthropology, marriage and the family, social welfare, delinquency and crime, population, minority groups, social organization, social theory, and the sociology of religion. Three credits.

**Concentration in Social Welfare for Sociology Majors:**

Students electing a concentration in social welfare within their sociology major are provided supervised field placement in a social welfare agency, during one of the regular semesters, or during the summer. This may be concurrent with enrollment in Sociology 332-333 (Social Welfare Work), or as part of required work in Sociology 489, 490 (Independent Study).

Concentration in social welfare includes: (1) all the above-indicated requirements for sociology majors; (2) Sociology 332-333; (3) at least three courses selected from Sociology 311, 313, 331, 342, 352, 402, and 421; and (4) at least 120 hours of field experience. This program meets the requirements of the Council on Social Work Education of which the Sociology Department has been a constituent member since the 1950's.





*Directory*



## The Corporation of the University

### Legal Title

"THE RECTOR AND VISITORS OF THE UNIVERSITY OF VIRGINIA"

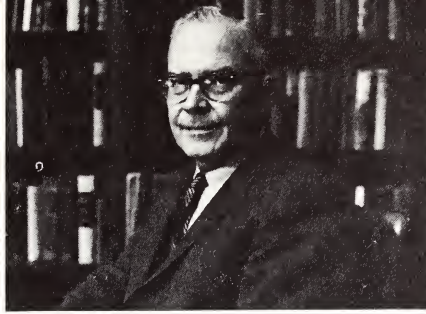
**The Rector of the University**

JOSEPH H. McCONNELL

**The Visitors of the University**

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J. HARVIE WILKINSON, III .....	Richmond
RAYMOND C. BICE .....	The Secretary of the Visitors





## Administration

EDGAR FINLEY SHANNON, JR., A.B., A.M., D.PHIL. (OXON),  
LITT.D., LL.D., D.HUM. .... *President of the University*

### Office of the Chancellor

GRELLET COLLINS SIMPSON, B.A., M.A. PH.D., LL.D. ....  
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*Adviser of the College*  
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LUCRETIA OESTERHELD .... *Secretary to the*  
*Assistant to the Chancellor*  
SYBIL A. McCRORY .... *Secretary to the Director of*  
*Information Services*  
MARY D. SHOVER .... *Secretary to the Director*  
*of Personnel*

### Office of the Dean

REGINALD W. WHIDDEN, B.A., M.A., PH.D. *Dean of the College*  
JAMES H. CROUSHORE, A.B., A.M., PH.D. .... *Associate Dean*  
*of the College*  
JANE N. SALADIN, B.M.E., M.M. .... *Registrar and*  
*Director of Financial Aid*  
HELEN H. THOMAS .... *Administrative Assistant to the*  
*Director of Financial Aid*  
LAURA VOELKEL SUMNER, A.B., M.A., PH.D. .... *Director of*  
*the Summer Session*  
ELOISE JOHNSON BROWNING .... *Secretary to the Dean*  
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BONNIE CLORE .... *Secretary, Office of the Dean*  
AUDREY SMITH HURLOCK .... *Recorder, Secretary to the Registrar*  
JANE HUBLER MARRA, B.S. .... *Secretary, Office of the Registrar*  
NANCY CARTER .... *Clerk, Office of the Registrar*

MILDRED A. DROSTE, B.S., M.ED. .... *Dean of Students*  
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MILDRED C. GILMAN ..... *Secretary*

EDGAR E. WOODWARD, B.S. .... *Comptroller*  
EDWARD V. ALLISON, JR., B.S. .... *Business Manager*  
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GLORIA S. DAY ..... *Secretary to the Comptroller*  
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FRANKLIN HAGY .....*Executive Housekeeper*  
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Student Affairs*

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DOROTHY ROBERSON ..... *Clerk*

MARY A. K. KELLY B.A., M.A. .... *Director*  
SHARON W. LANCASTER ..... *Administrative Assistant*



## Library

- DANIEL HOLT WOODWARD, B.A., M.A. Ph.D., M.S. in L.S.  
.....*Librarian*  
B.A., M.A., University of Colorado; Ph.D., Yale University; M.S. in L.S., Catholic University of America.
- BARBARA ALDEN, B.A., M.A., Ph.D. .... *Archivist*  
B.A., M.A., Wellesley College; Ph.D., University of Chicago.
- MARIAN REED WATTS, A.B., B.S. in L.S. .... *Head Cataloguer*  
A.B., Goucher College; B.S. in L.S., Drexel Institute of Technology.
- CHARLES DAVID BALTHIS, B.A., M.S. in L.S. .... *Assistant Cataloguer*  
B.A., Randolph-Macon College; M.S. in L. S., Catholic University of America.
- RENNA HARDY COSNER, A.B., A.M. in L.S. . *Circulation Librarian*  
A.B., Randolph-Macon Woman's College; A.M. in L.S., University of Michigan.
- DIANE D. FISHMAN, B.A., M.S. in L.S. .... *Acquisitions Librarian*  
B.A., Cornell University; M.S. in L.S., University of Illinois.
- JANIE MORGAN KASH, B.A. .... *Library Assistant-Serials*  
B.A., Randolph-Macon Woman's College
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A.A., Hiwassee College; B.A., M.A., Scarritt College.
- REED KILDUFF SIMMONS, B.A. .... *Library Assistant-Circulation*  
B.A., Mary Washington College.
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MARIAN STEVENS HOLT ..... *Administrative Aide*  
MILDRED BROOKS RAY ..... *Catalogue Typist*  
MARGARET JONES SMITH. .... *Circulation Clerk*

## Alumnae Association

- ANN LOUISE PERINCHIEF, B.A. .... *Director of Alumnae Affairs*  
JOY S. TOOMBS. .... *Secretary*  
CAROLYN M. WHITAKER. .... *Clerk*

## Health Services

- CLEMENT JAY ROBBINS, III, B.S., M.D. .... *College Physician*  
B.S., Hampden-Sydney College; M.D., Medical College of Virginia.
- LOUIS B. MASSAD, B.S., M.D. .... *Associate Physician*  
B.S., Virginia Military Institute; M.D., Medical College of Virginia.

LAWRENCE MOTER, M.D. .... *Associate Physician*  
M.D., Medical College of Virginia.

DAVID B. RICE, B.A., M.D. .... *Associate Physician*  
B.A., M.D., University of Virginia.

INEZ FRYE WATSON, R.N. .... *Head Nurse*  
R.N., Broadlawns Hospitals, Des Moines, Iowa.

VIRGINIA H. CULLEN, R.N. .... *Nurse*  
R.N., Syracuse Memorial School of Nursing.

BESSIE THOMAS OLIVE, R.N. .... *Nurse*  
R.N., Mary Washington Hospital Training School.

DOROTHY T. SHANNON, R.N. .... *Nurse*  
R.N., Sarah Leigh Hospital, Norfolk.

CHARLOTTE HARRIS WHITE, R.N. .... *Nurse*  
R.N., Johnston-Willis Hospital, Richmond.

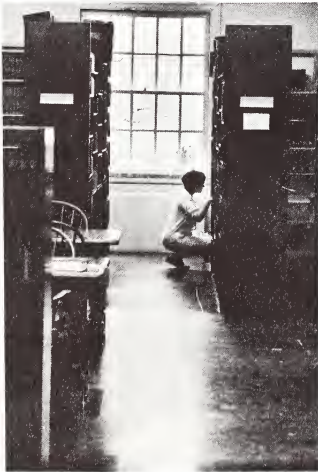
PEARLINE SOLTES, R.N. .... *Relief Nurse*  
R.N., Mary Washington Hospital Training School.

MERTON NUGENT, R.N. .... *Relief Nurse*  
R.N., Petersburg Hospital School of Nursing.

ELEANOR M. PETTIT, R.N. .... *Relief Nurse*  
R.N., Lankaneau Hospital School of Nursing, Philadelphia.

#### Administrative and Personnel Services

DORIS V. BOURNE .... *Chief Operator, Switchboard*  
BOBBY W. CARTER .... *Supervisor, Tabulating Office*  
JESSIE F. COLVIN .... *Operator, Switchboard*  
JANET J. DESHAZO .... *Payroll Supervisor*  
JUNE M. ELLIS .... *Night Operator, Switchboard*  
LOIS JACOBS EMBREY .... *Bookkeeper*  
BARBARA Y. FERRARA .... *Disbursing Clerk*  
JOSEPHINE S. HENSHAW .... *Payroll Clerk*  
ROSSER C. HOWARD .... *Duplicating Services Supervisor*  
FERN JONES .... *Operator, Switchboard*



LINDA M. MARTIN ..... *Mail Services Supervisor*  
 FRANCES S. MELLE ..... *Cashier*  
 JANE R. SHELTON ..... *Disbursing Clerk*  
 CAROLYN THOMAS ..... *Tabulating Clerk*

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CHARLES L. READ ..... *Manager*  
 JUDITH TOLLETT ..... *Secretary*  
 LUCILLE H. DENT ..... *Clerk*  
 EVELYN HOLMES ..... *Clerk*  
 VELMA MEADS ..... *Clerk*  
 LUCILLE O'BIER ..... *Clerk*

### Buildings and Grounds

VINCENT H. WILLETTS ..... *Superintendent*  
 ROBERT E. REVELL ..... *Supervisor*  
 JUANITA S. NEWTON ..... *Secretary to the Superintendent*

### Food Services

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 WHITING B. LEE ..... *Assistant to the Director*  
 MILDRED J. MCGINNISS ..... *Assistant to the Director*  
 DAVID H. STACK ..... *Assistant to the Director*  
 CECILIA EMMA BAKER ..... *Secretary to the Director*  
 NUNRA FERRARA ..... *Dietary Unit Supervisor*  
 SELMA SHELTON ..... *Manager, College Shop*  
 MAUD H. CONWAY ..... *Hostess, Dining Hall*  
 ANNIE S. GALLANT ..... *Hostess, Dining Hall*  
 MARY W. JONES ..... *Hostess, Dining Hall*  
 INA PITTS ..... *Hostess, Dining Hall*  
 JOY G. RANKINS ..... *Hostess, Dining Hall*





## DIRECTORY

### Placement Bureau

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 MARY D. ROSS ..... *Secretary*  
 DONNA M. DAVIS ..... *Clerk*

### Security

MEDFORD D. HAYNES ..... *Chief, Campus Police*  
 CHARLES W. JONES ..... *Deputy Chief, Campus Police*  
 DANIEL W. BISHOP ..... *Campus Policeman*  
 WILLIAM A. CHEWNING ..... *Campus Policeman*  
 HAROLD B. ENGLISH ..... *Campus Policeman*  
 JAMES E. PATTON ..... *Campus Policeman*  
 EDWARD G. RAMSEY ..... *Campus Policeman*  
 HOWARD R. ROSE ..... *Campus Policeman*  
 WILLIAM R. VIAR ..... *Campus Policeman*

### Residence Halls

NANCY G. BUCHANAN ..... *Senior Assistant, Bushnell Hall*  
 MARGARET G. CHASE ..... *Complex Director, Tri-Unit—  
 Westmoreland Hall*  
 EDITH C. CLARK ..... *Administrative Aide, Marye Hall*  
 VIRGINIA E. CONKLIN ..... *Complex Director, Randolph Hall—  
 Mason Hall*  
 SUSIE G. EMBREY ..... *Complex Director; Betty Lewis Hall,  
 Brent Hall, Framar, Marye Hall,  
 Trench Hill*  
 VIRGINIA GALLAMORE ..... *Residence Director, Willard Hall*  
 MARION E. GEORGE ..... *Residence Director, Virginia Hall*  
 NELLIE F. HENRY ..... *Complex Director, Jefferson  
 Hall-Bushnell Hall*  
 BRENDA C. JENNINGS ..... *Senior Assistant, Westmoreland Hall*  
 LUCY MANCUSO ..... *Senior Assistant, Randolph Hall*  
 BARBARA ANN MINGEE ..... *Administrative Aide, Framar*  
 HELEN H. PRASSE ..... *Complex Director, Marshall  
 Hall-Russell Hall*  
 AILEEN M. REYNOLDS ..... *Administrative Aide, Trench Hill*  
 DIANNE TAYLOR ..... *Senior Assistant, Russell Hall*  
 VIRGINIA G. WOOD ..... *Administrative Aide, Brent Hall*



## Faculty

VLADIMIR V. BRENNER

*Professor Emeritus of Modern Foreign Languages*

State Gymnasium of Moscow; Officer of Academic Degree, Military Academy, Tver, Russia.

LOUIS J. CABRERA, A.B., M.A., PH.D.

*Professor Emeritus of Modern Foreign Languages*

A.B., University of Dubuque; M.A., University of Maine; Doctor of Letters and Philosophy, University of Madrid.

WILLIAM A. CASTLE, B.S., PH.D.

*Professor Emeritus of Biology*

B.S., Denison University; Ph.D., University of Chicago.

OSCAR HADDON DARTER, A.B., A.M., ED.D.

*Professor Emeritus of History*

A.B., State Teachers College, Ada, Oklahoma; A.M., Columbia University; Ed.D., George Washington University.

E. BOYD GRAVES, A.B., A.M., ED.D.

*Professor Emeritus of Philosophy*

A.B., A.M., College of William and Mary; Ed.D., George Washington University.

MILTON H. STANSBURY, A.B., PH.D.

*Professor Emeritus of Modern Foreign Languages*

A.B., Brown University; Ph.D. University of Pennsylvania.

DOROTHY DUGGAN VAN WINCKEL, B.S., M.A.

*Professor Emeritus of Art*

B.S., University of Tennessee; M.A. in Fine Arts, Peabody College; Student, Art Students' League, New York City, and Pennsylvania Academy of Fine Arts.

\* \* \* \* \*

## Professors

PHILIP JAMES ALLEN, A.B., M.A., B.D., PH.D.

*Professor of Sociology*

A.B., Ohio Northern University; M.A., Northwestern University; B.D., Garret Theological Seminary; Ph.D., American University.

EDWARD ALVEY, JR., B.A., M.A., PH.D.

*Professor of Education*

B.A., M.A., Ph.D., University of Virginia.

GUENNDOLYN A. BEELER, A.A., B.S., M.A.

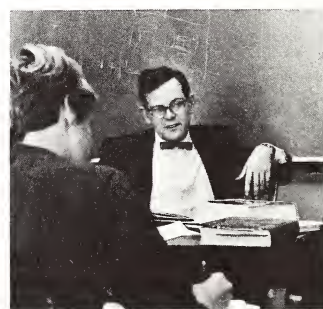
*Professor of Home Economics*

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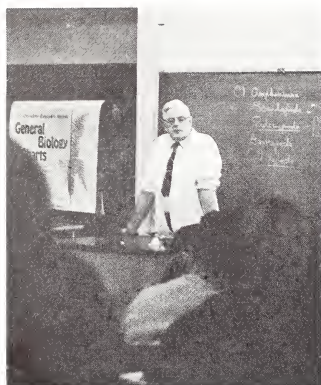
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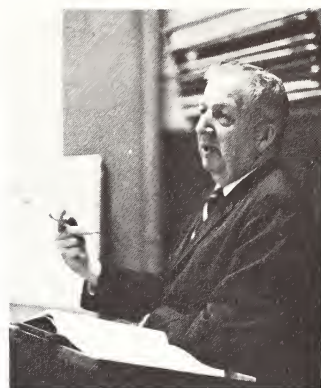
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Baccalaureat, Lycee Georgesville, Paris; diploma, Institut de Phonetique,  
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B.A., College of William and Mary; M.A., University of Massachusetts; Ph.D., Georgetown University.

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*Visiting Lecturer in Political Economy*

B.A., University of Virginia; B.A., M.A., Oxford University.





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Mary Washington College has a large and active Alumnae Association with members living in all parts of the United States and in foreign countries. Any graduate of the College or any student who has been regularly registered at the College for a minimum of two semesters is a member of the Association. Many of the alumnae have achieved distinction in the fields of art, music, literature, business, social work, education, and politics.

The primary goal of the Association is to assist the College in the development and expansion of its institutional program and facilities, and to promote the educational philosophy of the College. The Association aims also to develop and strengthen the bonds of interest existing between the College and its alumnae and among the alumnae themselves.

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June, 1969

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#### *With Honors in German*

Susan Carol Honegger	Charlotte, N. C.
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#### *With Honors in Music*

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Sylvia Lee Martin	Bassett, Va.

#### *With Honors in Political Science*

Clare Ann Burke	Wilmington, Del.
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#### *With Honors in Psychology*

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### Bachelor of Arts

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Toni Rerrie Masser	Charlottesville, Va.
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Elizabeth Ann Oliverio	Virginia Beach, Va.
Susan Peters Schmidt	Pottstown, Pa.

**Bachelor of Science in Medical Technology**

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Linda Gail Sargent	Alexandria, Va.



# **GEOGRAPHICAL DISTRIBUTION OF STUDENTS BY STATES AND COUNTRIES**

**Session 1968-69**

Virginia	1558	Louisiana	3
New Jersey	121	Alabama	2
Pennsylvania	96	Indiana	2
Maryland	80	Mississippi	2
New York	67	Oklahoma	2
Connecticut	33	Kansas	1
Massachusetts	31	Kentucky	1
Delaware	24	Minnesota	1
Florida	23	New Hampshire	1
North Carolina	17	Wisconsin	1
Ohio	12	Wyoming	1
West Virginia	12	Bermuda	1
California	8	Brazil	1
South Carolina	8	Canada	1
District of Columbia	7	Canal Zone	3
Rhode Island	6	Germany	2
Georgia	5	Ireland	1
Maine	5	Malaysia	1
Michigan	5	The Netherlands	1
Tennessee	5	Puerto Rico	2
Colorado	4	Switzerland	1
Hawaii	4	Thailand	1
Illinois	4		2,171
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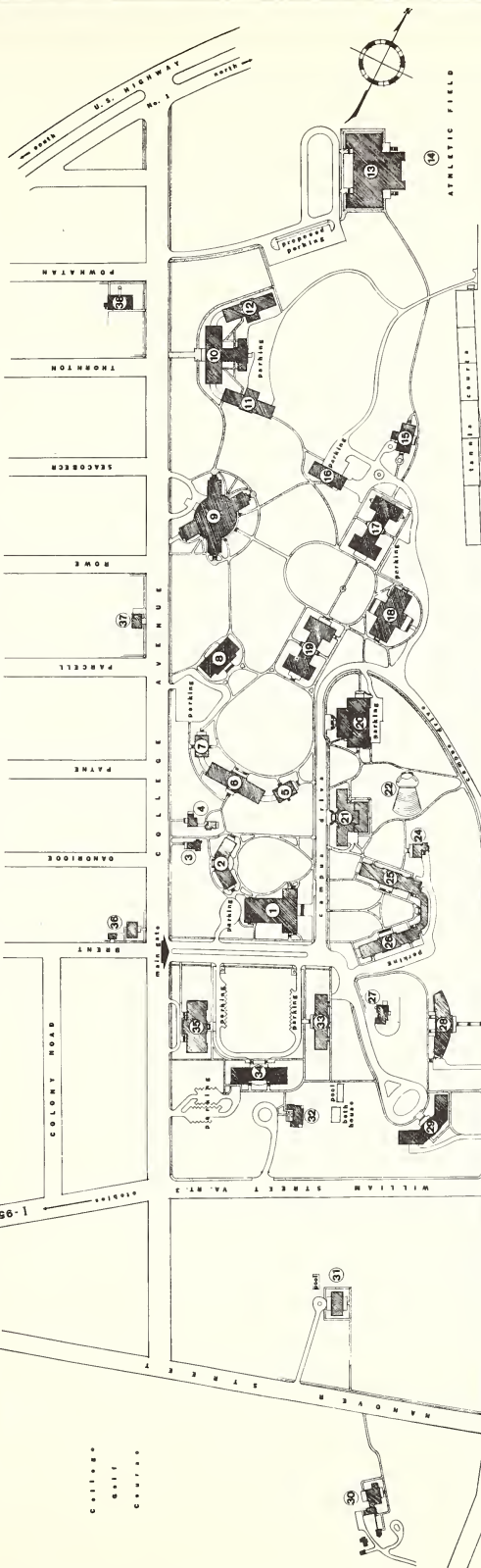


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# THE CAMPUS OF MARY WASHINGTON COLLEGE of the UNIVERSITY OF VIRGINIA FREDERICKSBURG VIRGINIA



CLASS  
GOLF  
CAMPUS

## LEGEND

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- 2 WESTMORELAND HALL
- 3 HAMLET HOUSE
- 4 DANE FAIRFAX ANNEX
- 5 MARY BALL HALL
- 6 MARY CUSTIS HALL
- 7 CHANDLER HALL
- 8 JESSE BALL OUPONT HALL
- 9 GARI MELCHERS HALL
- 10 JOHN GARLAND POLLARD HALL
- 11 CLASSROOM
- 12 CLASSROOM

- 13 C. O'CONNOR GOOLRICK HALL
- 14 PHYS. ED. CLASSROOM
- 15 INFIRMARY
- 16 LAUNDRY & GREENHOUSE
- 17 FRANCES WILLARD HALL
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- 36 ALUMNAE HOUSE
- 37 POST OFFICE
- 38 HEATING PLANT

